

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009960.D
 Acq On : 30 May 2019 15:04
 Operator : JC/SP
 Sample : K3094-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0658

Quant Time: May 31 06:49:15 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	172898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	118466	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	5.50	113	86841	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	351251	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.13	95	118755	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	

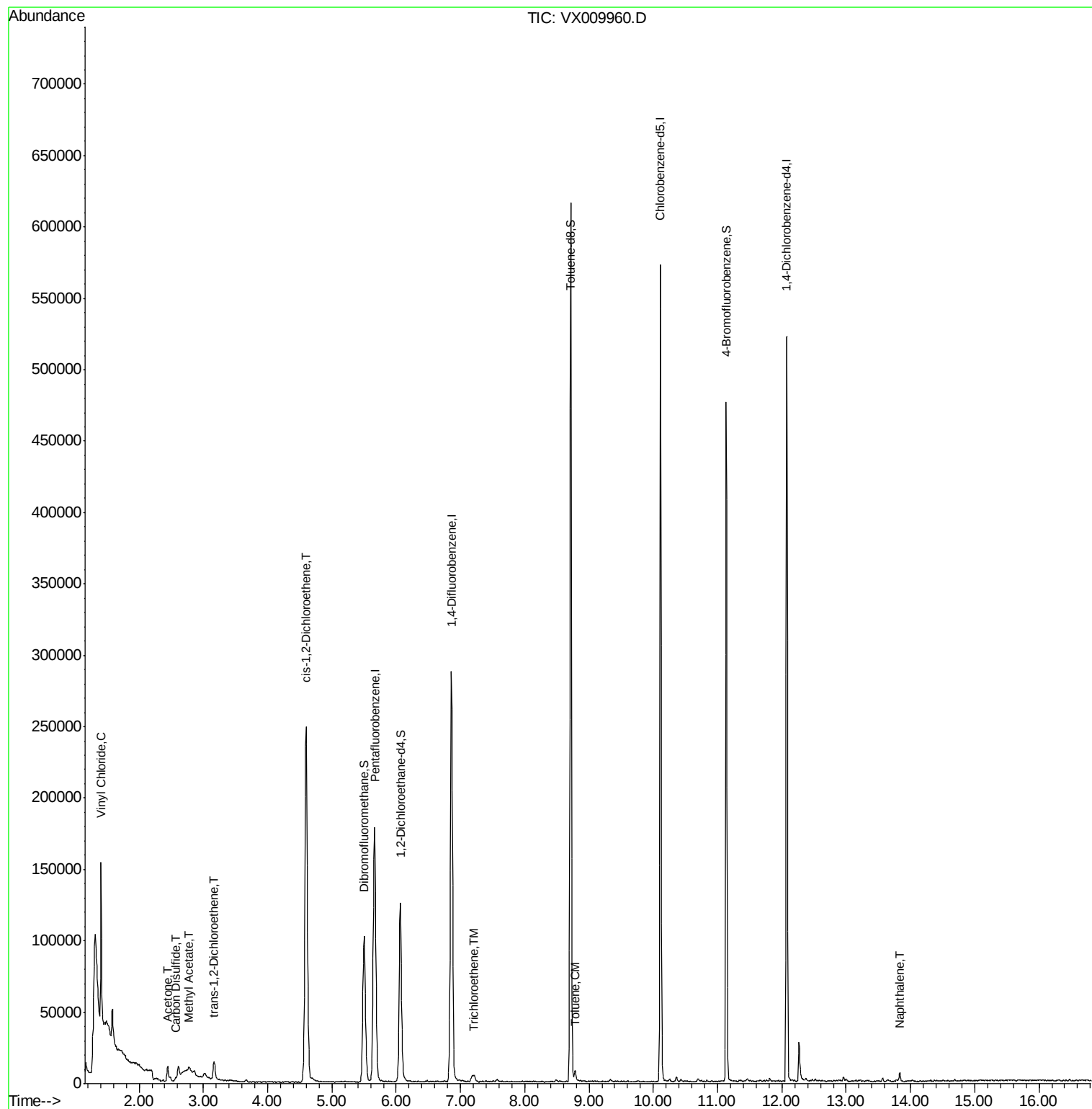
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	75491	29.483	ug/l	97
16) Acetone	2.45	43	11231	7.959	ug/l	97
17) Carbon Disulfide	2.57	76	4437	1.215	ug/l #	93
18) Methyl Acetate	2.78	43	2930	0.892	ug/l #	90
21) trans-1,2-Dichloroethene	3.17	96	4922	2.526	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151814	67.504	ug/l	89
44) Trichloroethene	7.21	130	1219	0.604	ug/l	95
52) Toluene	8.78	92	2122	0.420	ug/l	95
95) Naphthalene	13.83	128	3371	0.423	ug/l	98

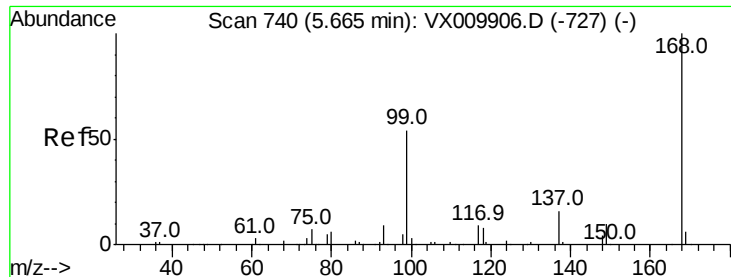
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009960.D

Acq: 30 May 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

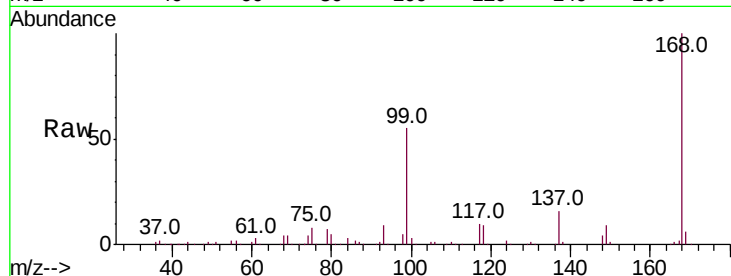
S32-0658

Tot Ion:168 Resp: 172898

Ion Ratio Lower Upper

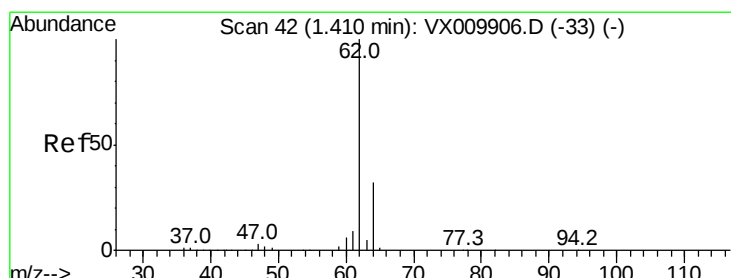
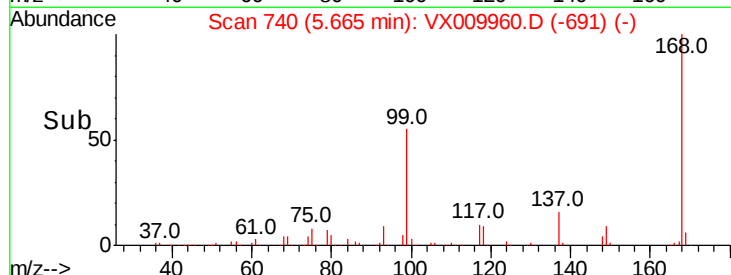
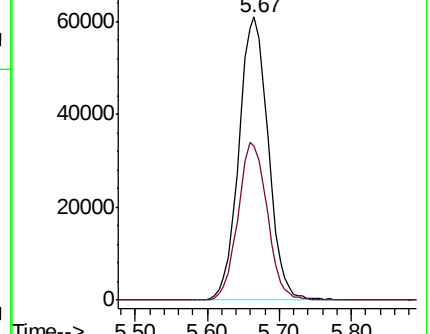
168 100

99 54.6 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: 29.483 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009960.D

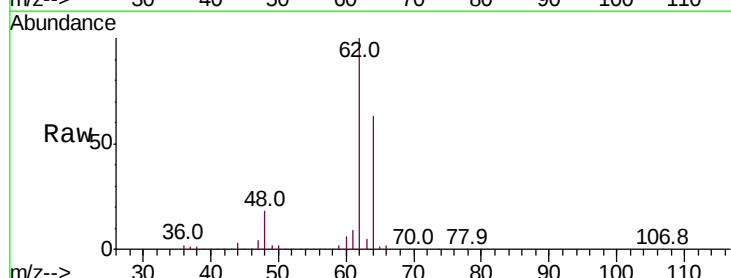
Acq: 30 May 2019 15:04

Tgt Ion: 62 Resp: 75491

Ion Ratio Lower Upper

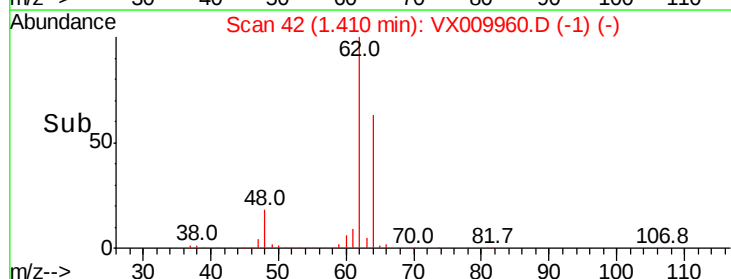
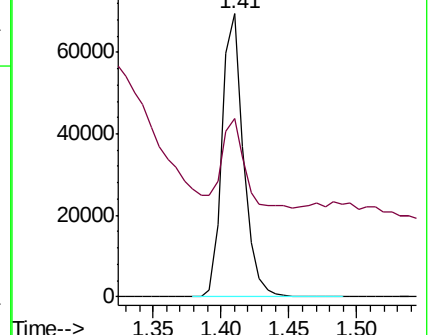
62 100

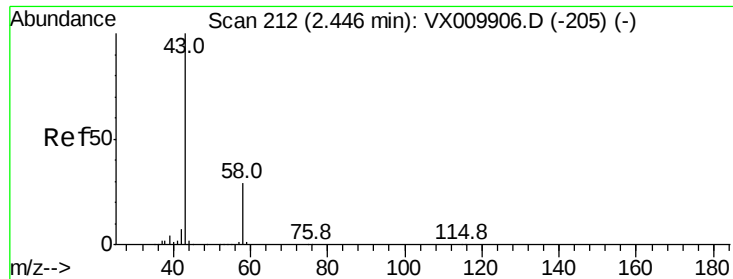
64 30.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 7.959 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

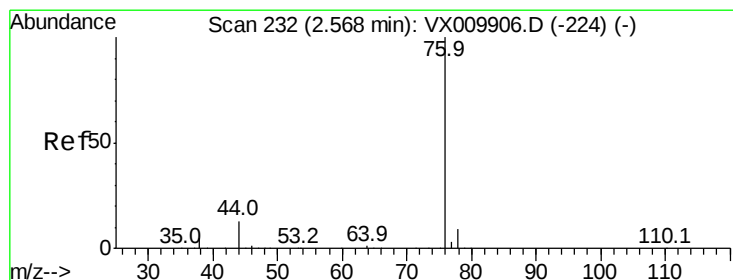
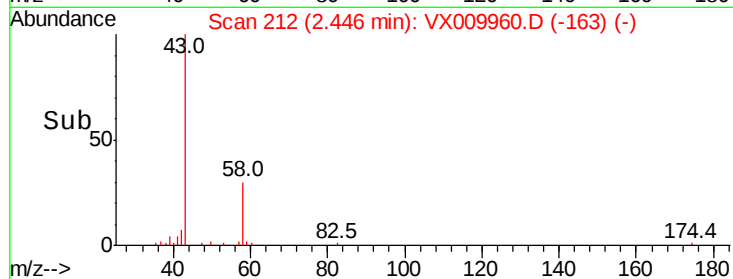
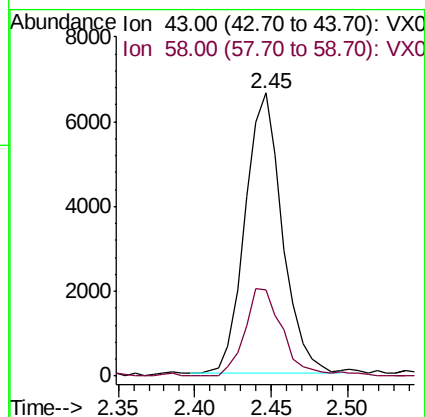
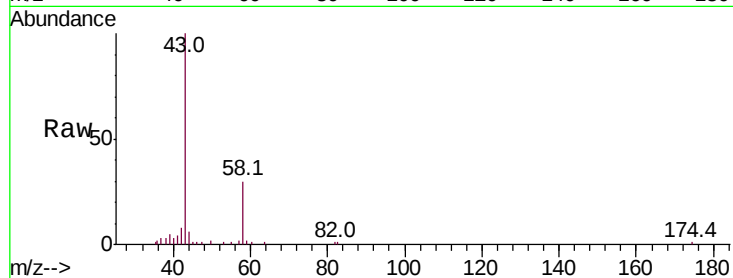
S32-0658

Tot Ion: 43 Resp: 11231

Ion Ratio Lower Upper

43 100

58 30.7 23.2 34.8



#17

Carbon Disulfide

Concen: 1.215 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009960.D

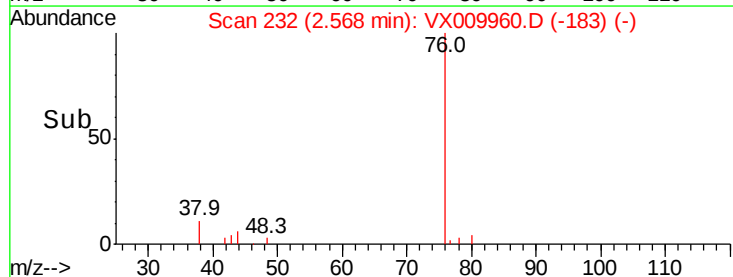
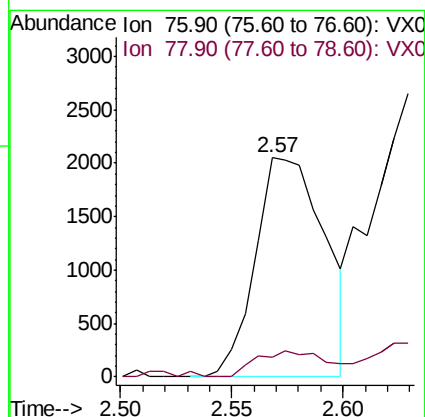
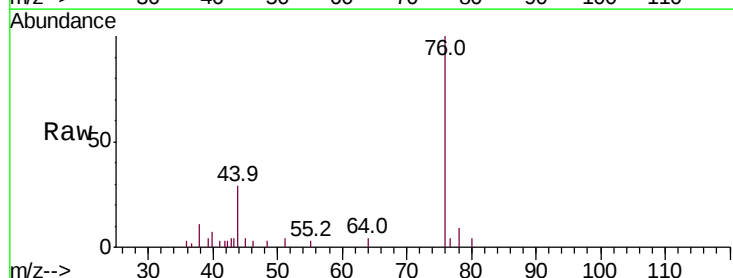
Acq: 30 May 2019 15:04

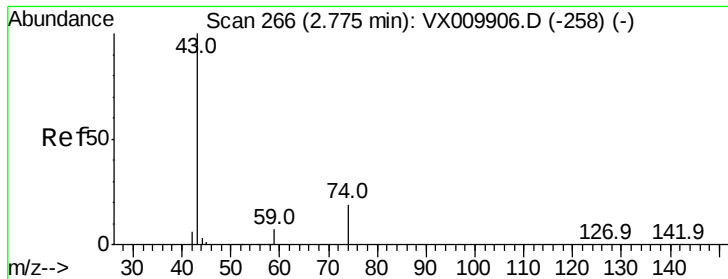
Tgt Ion: 76 Resp: 4437

Ion Ratio Lower Upper

76 100

78 6.2 7.0 10.6#

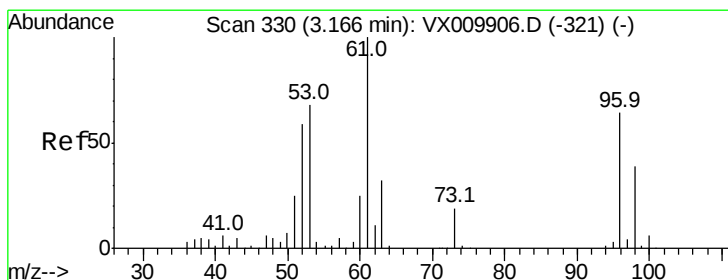
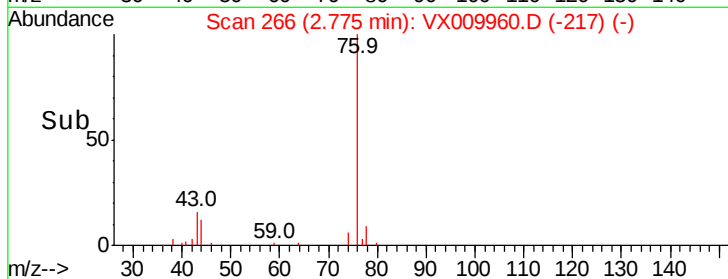
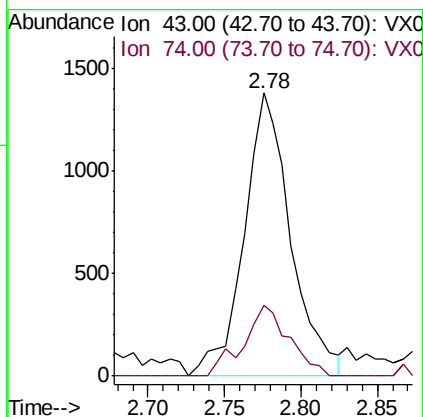
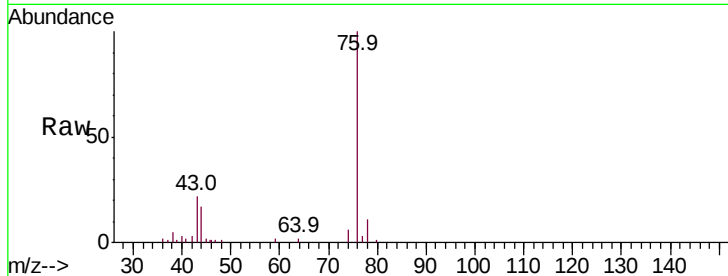




#18
Methyl Acetate
Concen: 0.892 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009960.D
Acq: 30 May 2019 15:04

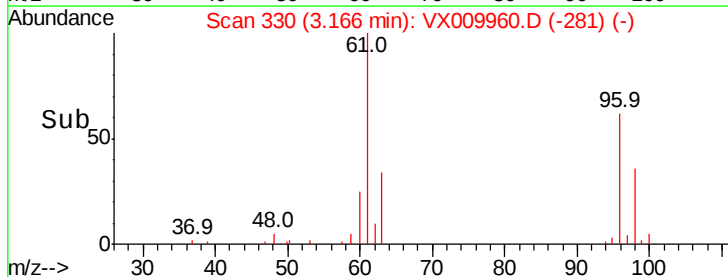
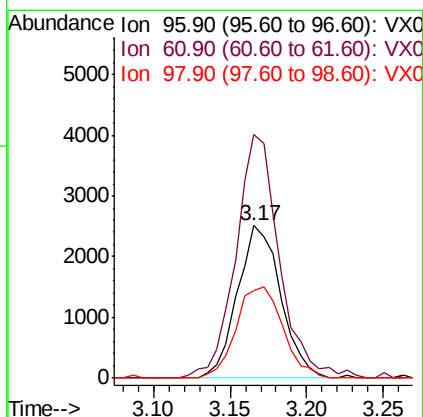
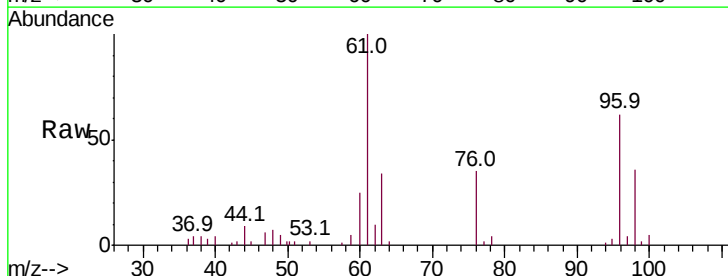
Instrument :
MSVOA_X
ClientSampled :
S32-0658

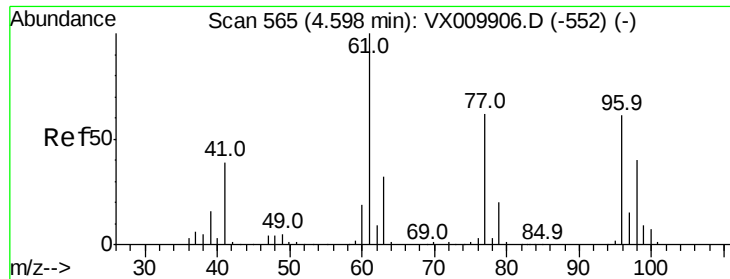
Tot Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
74 24.4 15.8 23.6#



#21
trans-1,2-Dichloroethene
Concen: 2.526 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009960.D
Acq: 30 May 2019 15:04

Tgt Ion: 96 Resp: 4922
Ion Ratio Lower Upper
96 100
61 157.9 125.7 188.5
98 57.4 49.0 73.6



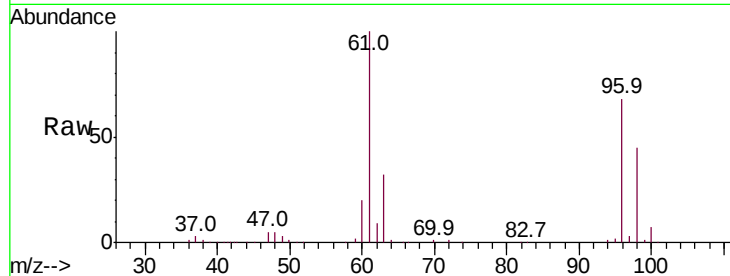


#27

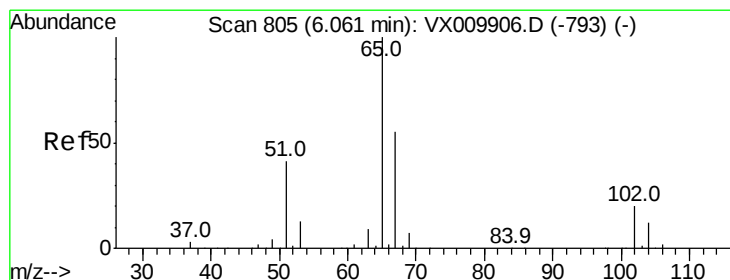
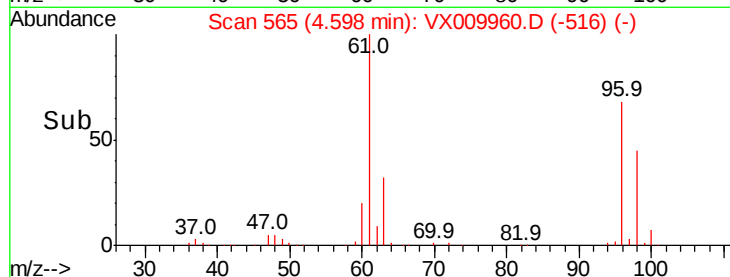
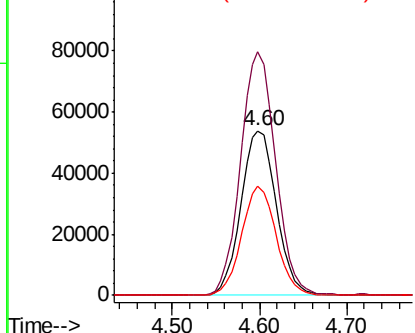
cis-1,2-Dichloroethene
 Concen: 67.504 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009960.D
 Acq: 30 May 2019 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0658

Tot Ion	96	Resp	151814
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	334.0
98	65.1	0.0	131.6



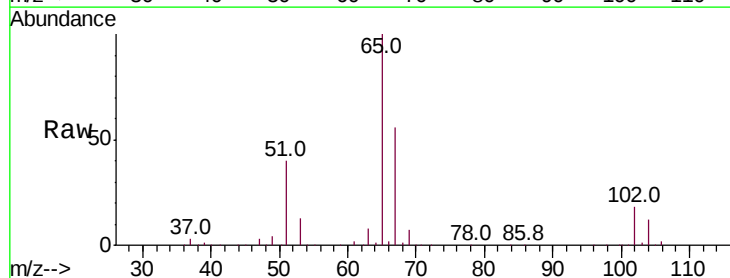
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



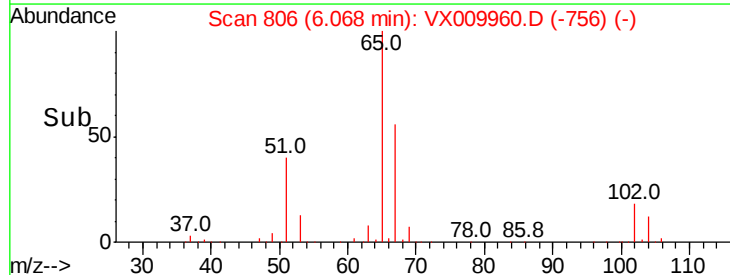
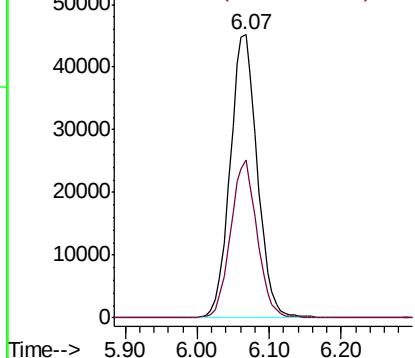
#33

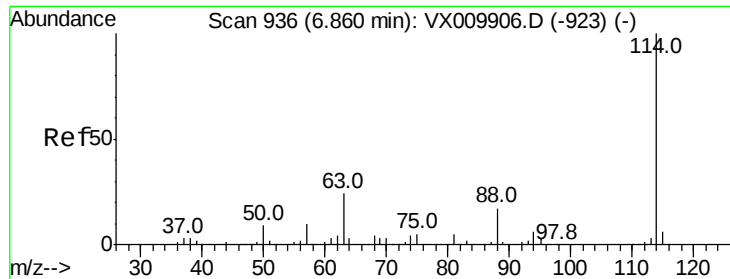
1,2-Dichloroethane-d4
 Concen: 48.505 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009960.D
 Acq: 30 May 2019 15:04

Tgt Ion	65	Resp	118466
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.4



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0658

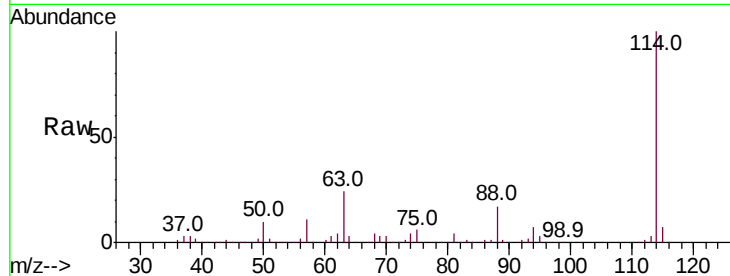
Tot Ion:114 Resp: 276151

Ion Ratio Lower Upper

114 100

63 24.4 0.0 47.4

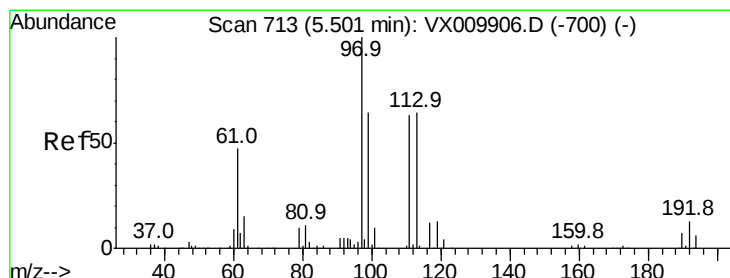
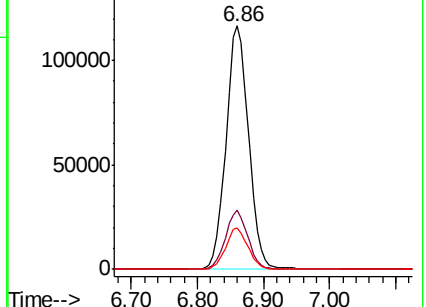
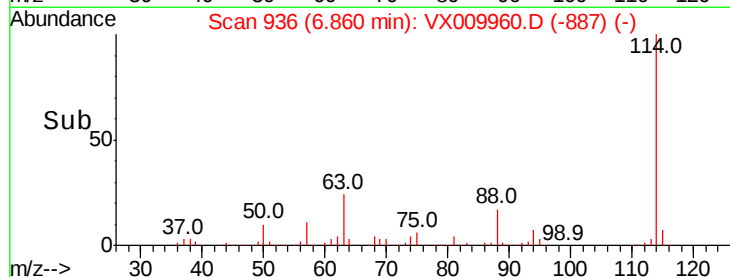
88 17.0 0.0 33.0



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: 50.019 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

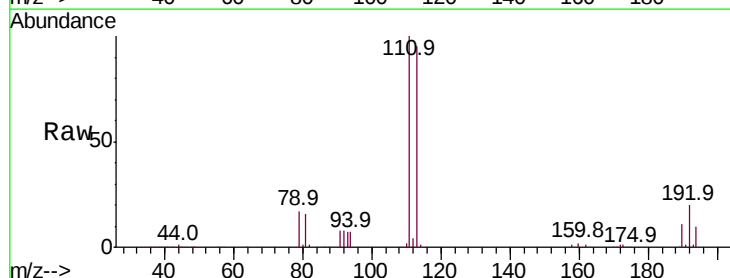
Tgt Ion:113 Resp: 86841

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

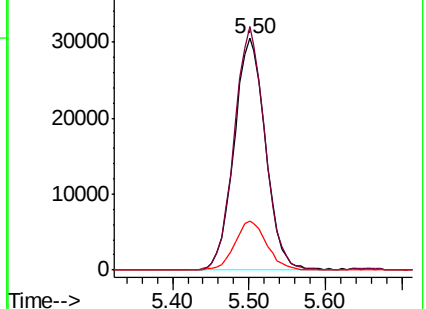
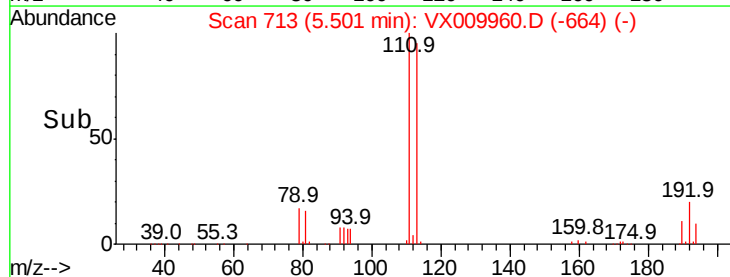
192 21.3 17.1 25.7

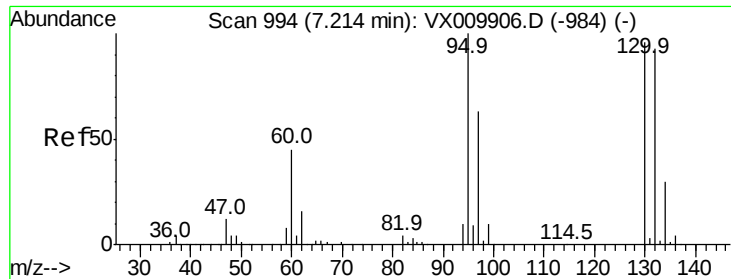


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.604 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

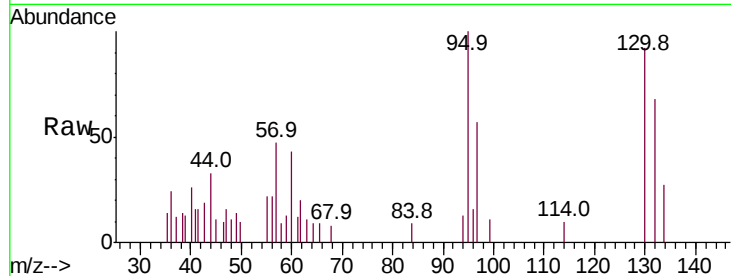
S32-0658

Tot Ion:130 Resp: 1219

Ion Ratio Lower Upper

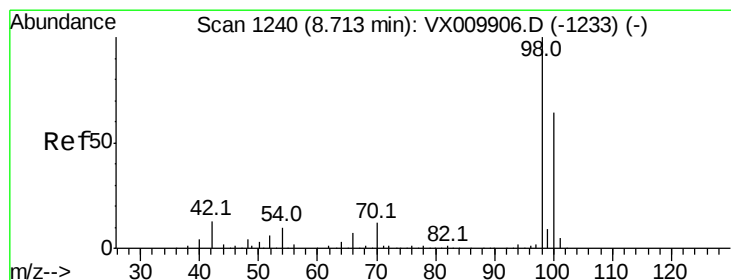
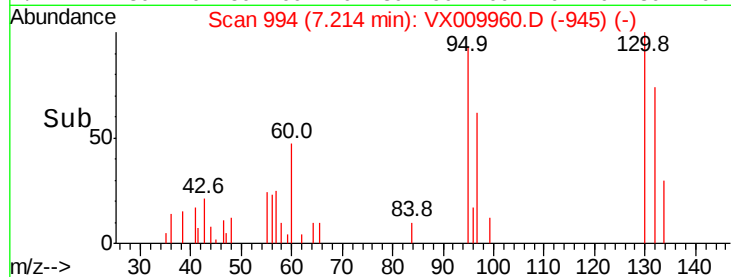
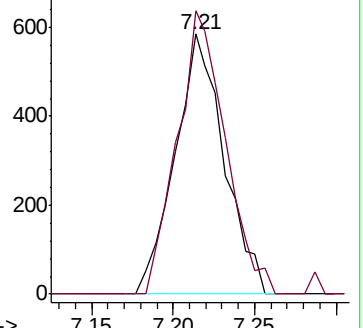
130 100

95 108.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.821 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009960.D

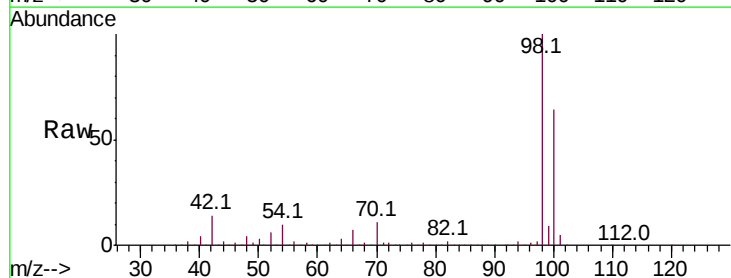
Acq: 30 May 2019 15:04

Tgt Ion: 98 Resp: 351251

Ion Ratio Lower Upper

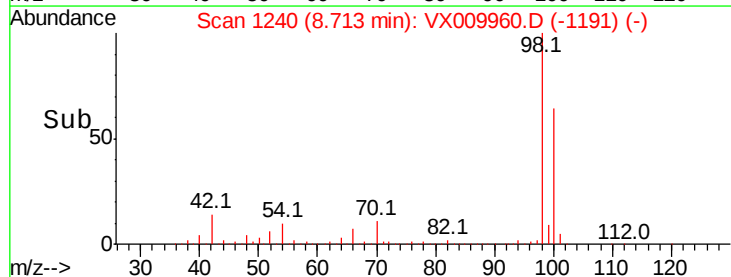
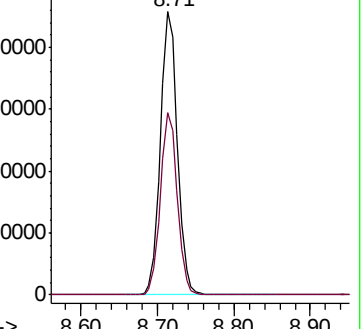
98 100

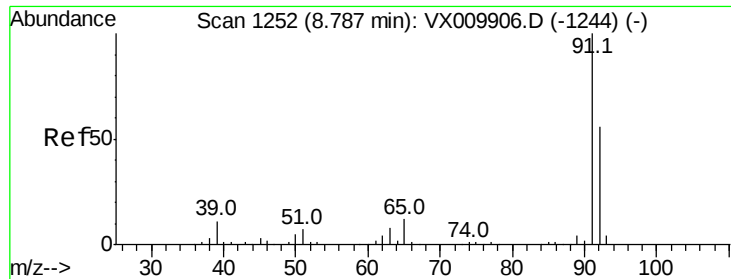
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.420 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

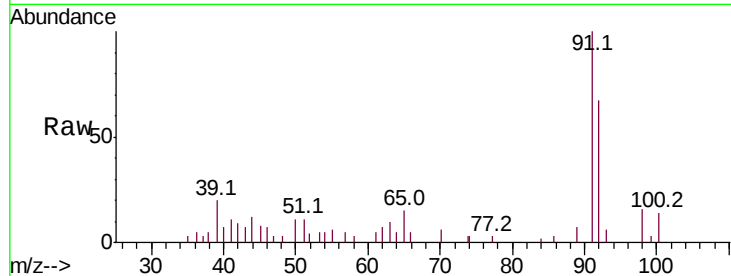
S32-0658

Tot Ion: 92 Resp: 2122

Ion Ratio Lower Upper

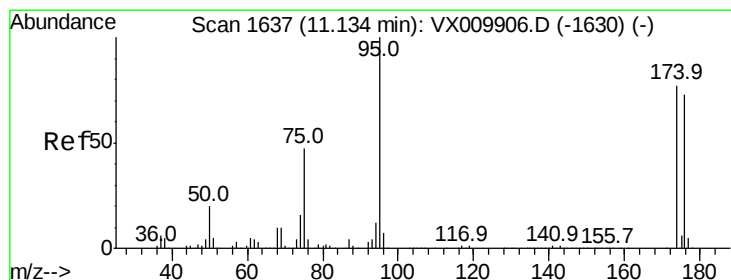
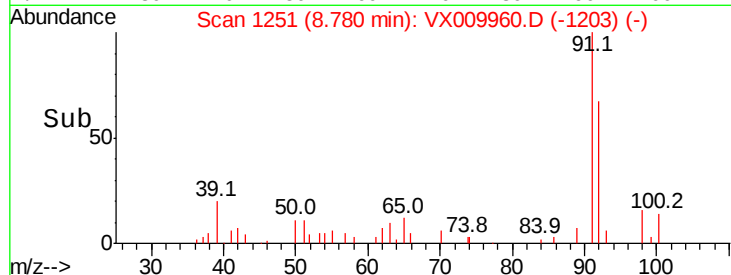
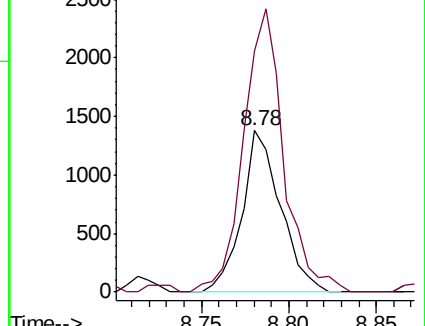
92 100

91 181.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.896 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009960.D

Acq: 30 May 2019 15:04

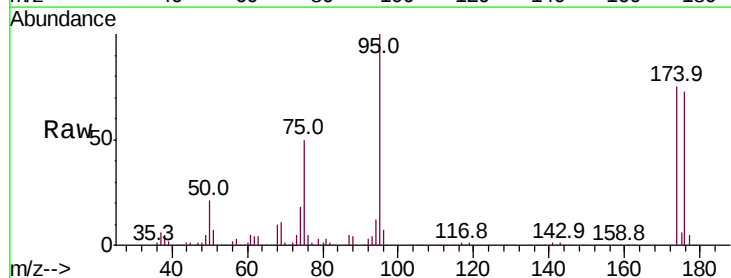
Tgt Ion: 95 Resp: 118755

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.4

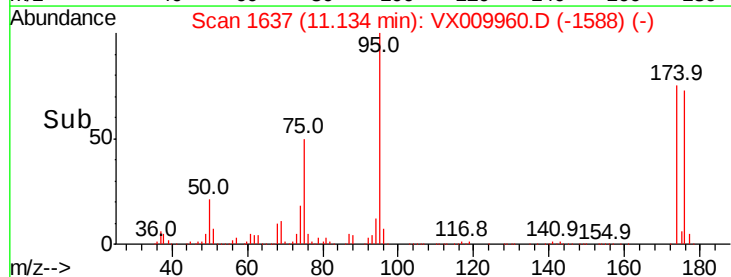
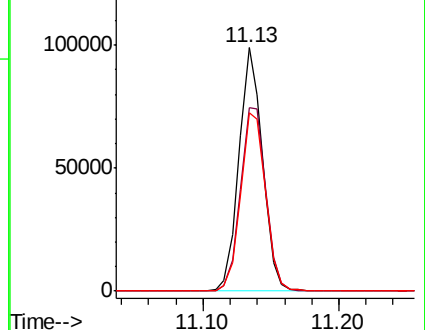
176 77.8 0.0 154.6

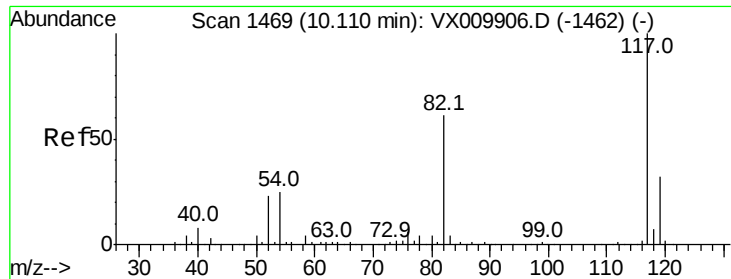


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

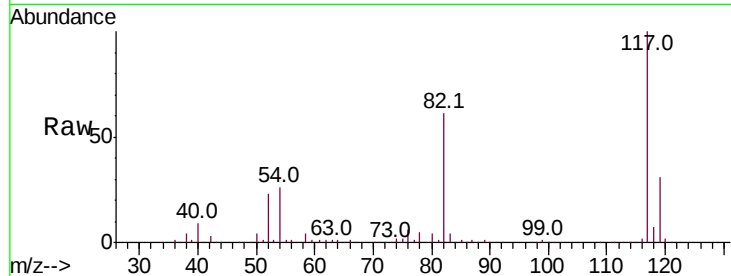




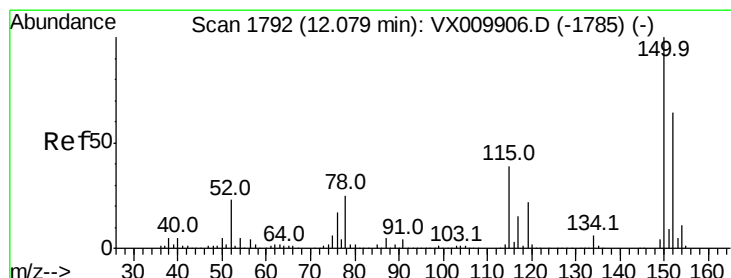
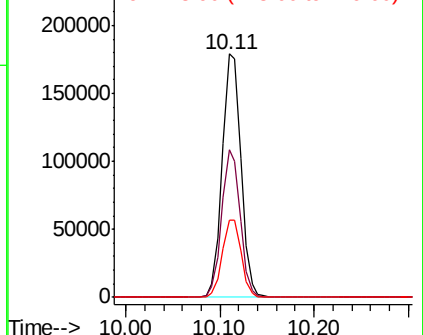
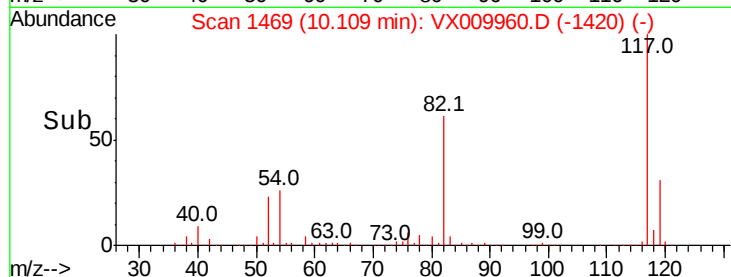
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009960.D
 Acq: 30 May 2019 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0658

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	31.5	25.2	37.8

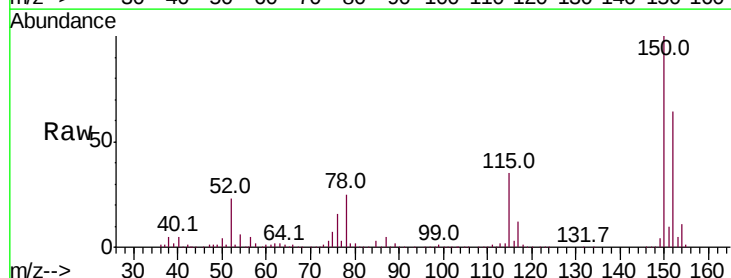


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

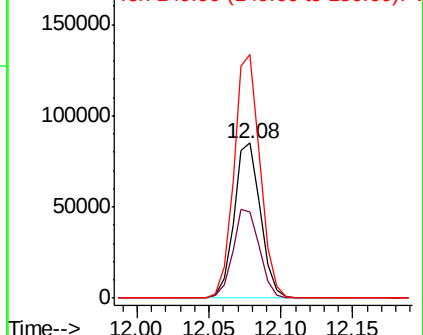
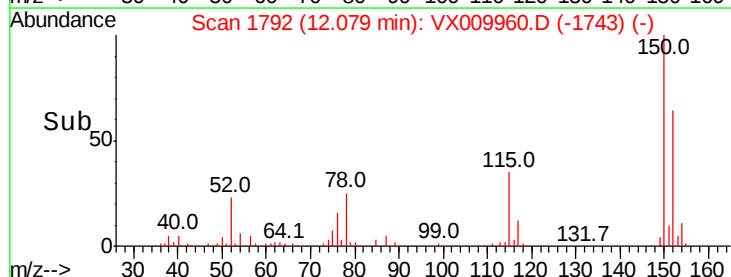


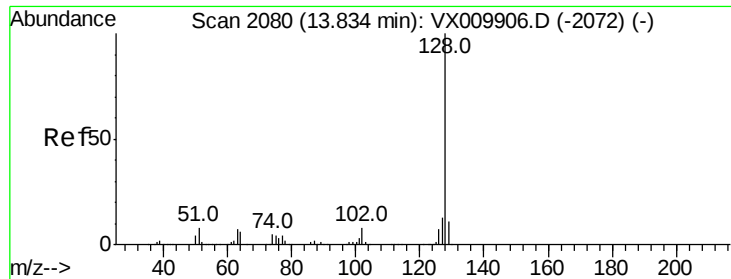
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009960.D
 Acq: 30 May 2019 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.4	124.2
150	155.4	0.0	345.2



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





#95
Naphthalene
Concen: 0.423 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009960.D
Acq: 30 May 2019 15:04

Instrument :
MSVOA_X
ClientSampleId :
S32-0658

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	16.0
129	11.6	8.8	13.2

