

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013235.D
 Acq On : 25 Oct 2019 16:50
 Operator : JC/SP
 Sample : K5532-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Quant Time: Oct 25 23:06:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	105607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64943	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	82259	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
35) Dibromofluoromethane	5.49	113	63047	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	
50) Toluene-d8	8.71	98	222620	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	80846	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1579	2.300	ug/l #	67
4) Vinyl Chloride	1.40	62	4593	3.591	ug/l #	55
5) Bromomethane	1.65	94	366	0.540	ug/l #	80
6) Chloroethane	1.97	64	948	Below Cal	#	49
7) Trichlorofluoromethane	1.92	101	266	0.430	ug/l	90
10) Methyl Iodide	2.50	142	587	3.887	ug/l #	78
11) Tert butyl alcohol	3.01	59	2719	7.476	ug/l #	72
15) Acrylonitrile	3.14	53	489	0.753	ug/l #	75
16) Acetone	2.44	43	6504	9.370	ug/l	98
17) Carbon Disulfide	2.56	76	4344	1.346	ug/l	97
18) Methyl Acetate	2.76	43	1730	2.088	ug/l	91
20) Methylene Chloride	2.86	84	614	0.759	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	3140	2.967	ug/l	86
25) 2-Butanone	4.67	43	333	0.358	ug/l #	45
27) cis-1,2-Dichloroethene	4.58	96	3953	2.690	ug/l	93
29) Tetrahydrofuran	5.13	42	130	0.232	ug/l #	28
38) Carbon Tetrachloride	5.65	117	7311	3.745	ug/l #	16
44) Trichloroethene	7.22	130	585	0.389	ug/l	41
52) Toluene	8.78	92	1870	0.532	ug/l	95
59) 2-Hexanone	9.51	43	326	0.238	ug/l	66
60) Dibromochloromethane	9.33	129	343	0.236	ug/l #	11
64) Tetrachloroethene	9.34	164	337	Below Cal		88
65) Chlorobenzene	10.14	112	1182	0.330	ug/l	94
67) Ethyl Benzene	10.25	91	1364	0.212	ug/l	90
68) m/p-Xylenes	10.35	106	1332	0.549	ug/l	99
69) o-Xylene	10.70	106	645	0.277	ug/l	82
76) 1,2,3-Trichloropropane	11.14	75	41623	26.592	ug/l #	38
77) Bromobenzene	11.26	156	288	0.204	ug/l	93
78) n-propylbenzene	11.35	91	1373	0.214	ug/l	86
79) 2-Chlorotoluene	11.42	91	827	0.204	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.14	75	41623	73.074	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1148	0.250	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	1223	0.247	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	900	0.352	ug/l	94

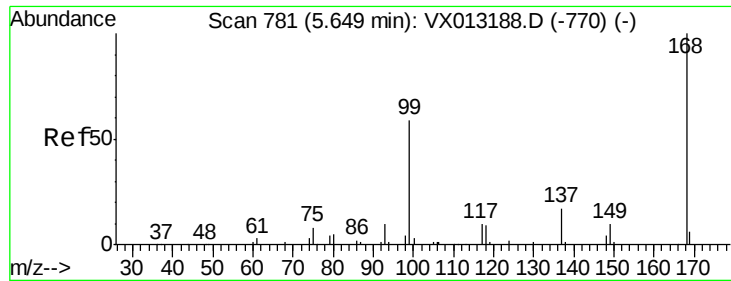
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
Data File : VX013235.D
Acq On : 25 Oct 2019 16:50
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Quant Time: Oct 25 23:06:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.03	146	900	0.346	ug/l	93
89) n-Butylbenzene	12.39	91	1185	0.279	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	645	0.257	ug/l	92
93) 1,2,4-Trichlorobenzene	13.64	180	884	0.559	ug/l	88
94) Hexachlorobutadiene	13.79	225	342	0.418	ug/l	84
95) Naphthalene	13.83	128	4516	0.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	998	0.639	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

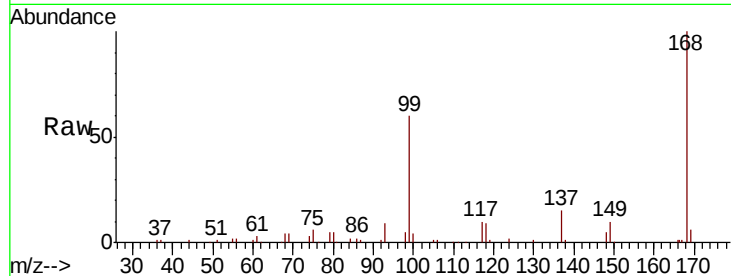
S32-0672

Tot Ion:168 Resp: 70444

Ion Ratio Lower Upper

168 100

99 60.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

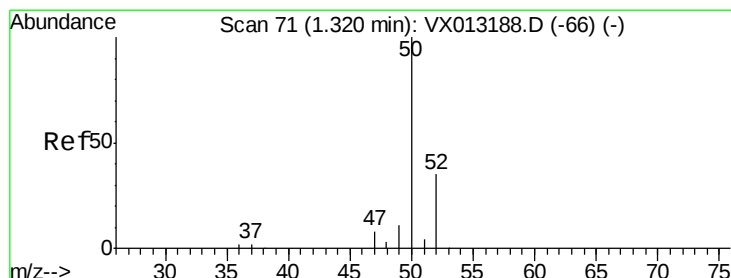
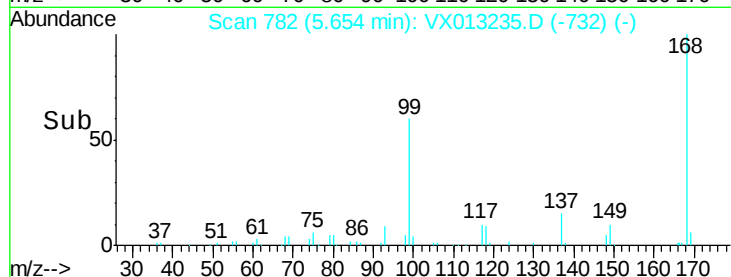
15000

10000

5000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.300 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013235.D

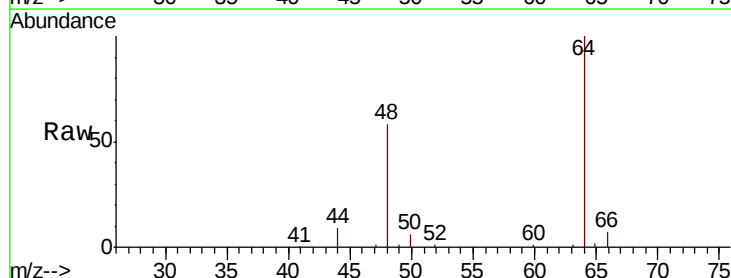
Acq: 25 Oct 2019 16:50

Tgt Ion: 50 Resp: 1579

Ion Ratio Lower Upper

50 100

52 15.5 27.8 41.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

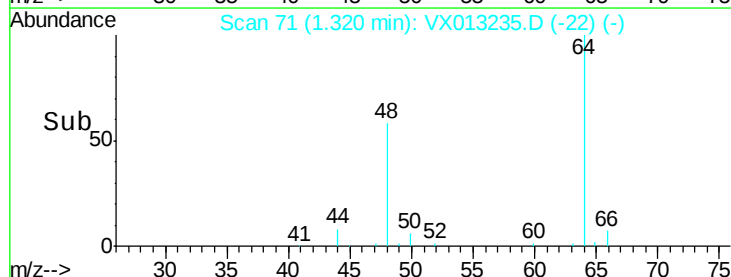
600

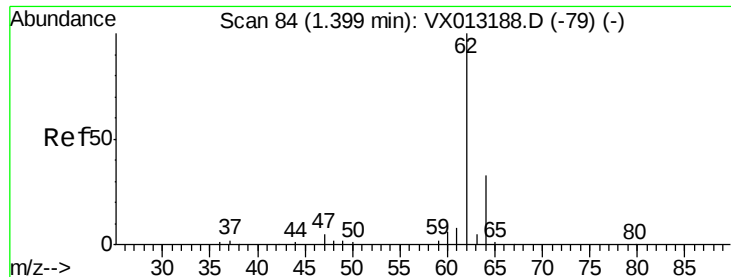
400

200

0

Time--> 1.25 1.30 1.35





#4

Vinyl Chloride

Concen: 3.591 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

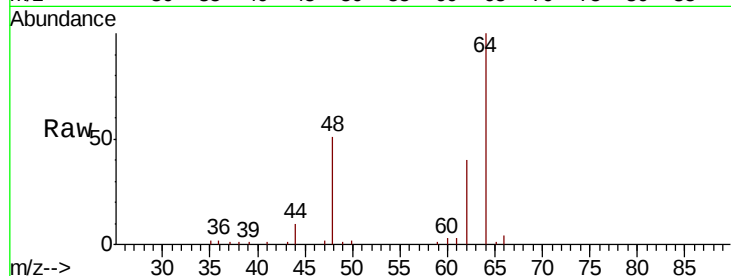
S32-0672

Tot Ion: 62 Resp: 4593

Ion Ratio Lower Upper

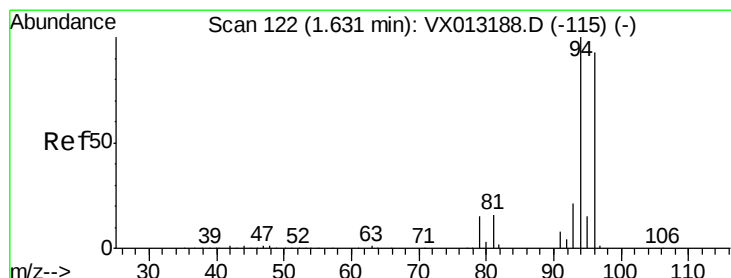
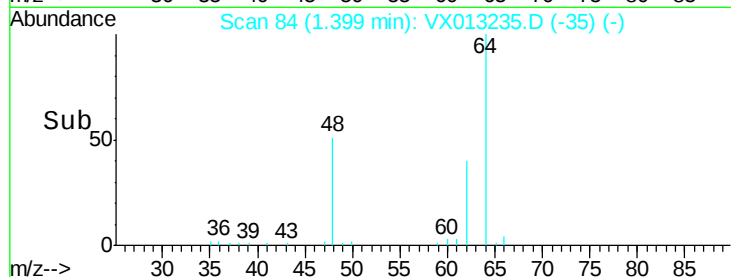
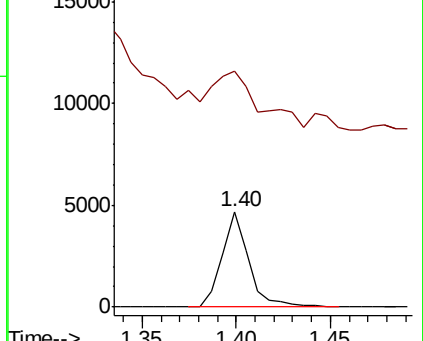
62 100

64 58.3 26.4 39.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.540 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013235.D

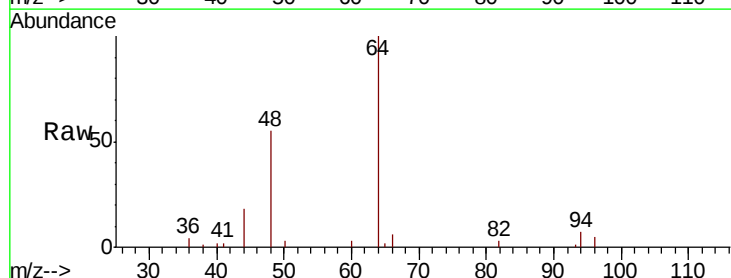
Acq: 25 Oct 2019 16:50

Tgt Ion: 94 Resp: 366

Ion Ratio Lower Upper

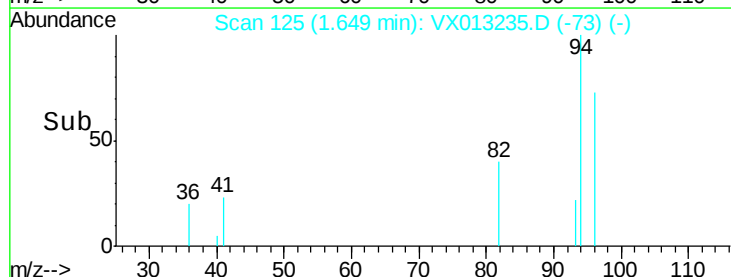
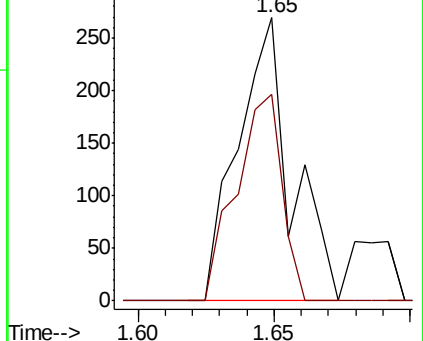
94 100

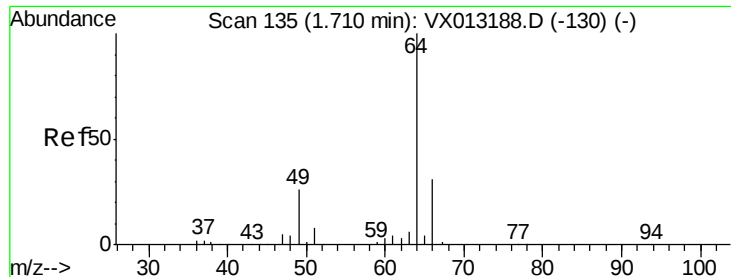
96 73.2 74.2 111.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.97 min Scan# 177

Delta R.T. 0.26 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

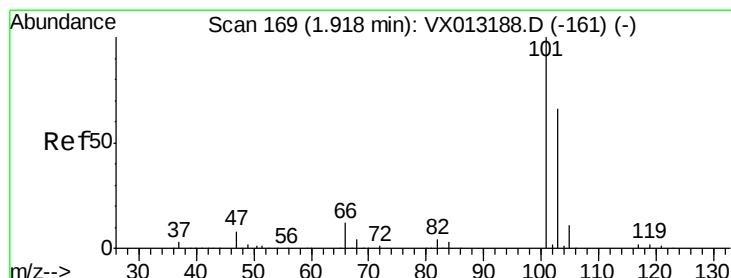
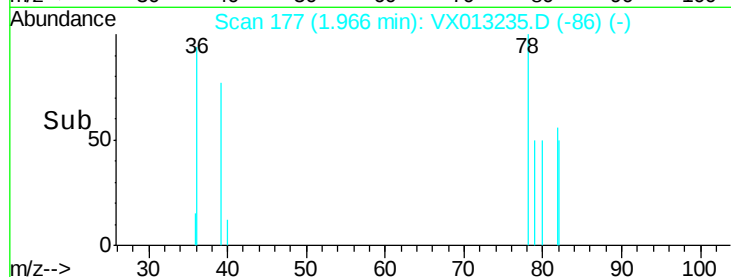
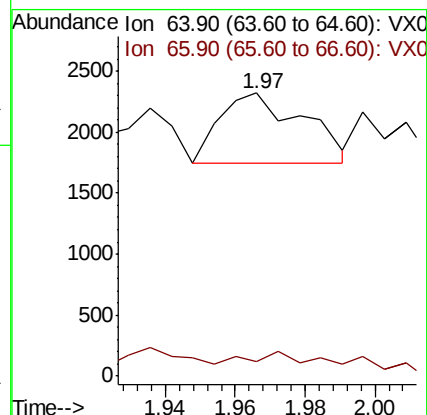
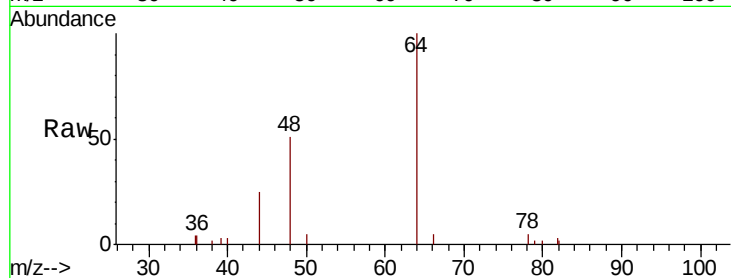
S32-0672

Tot Ion: 64 Resp: 948

Ion Ratio Lower Upper

64 100

66 3.3 25.0 37.6#



#7

Trichlorofluoromethane

Concen: 0.430 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX013235.D

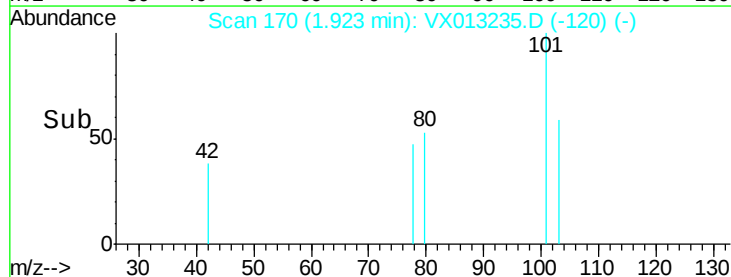
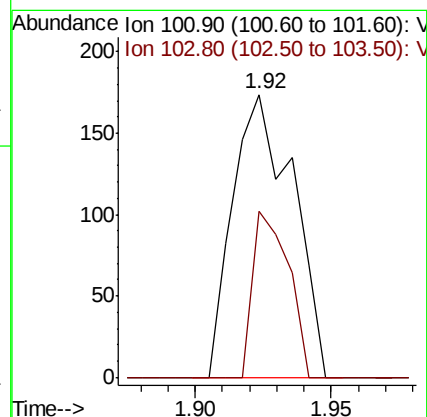
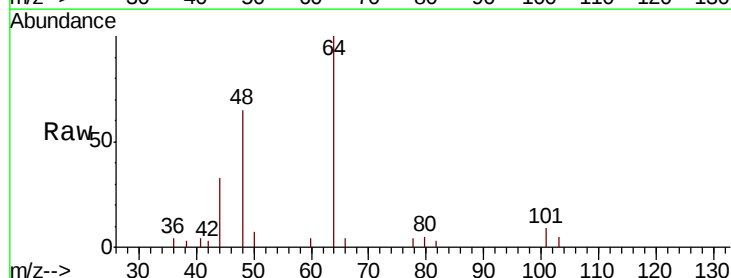
Acq: 25 Oct 2019 16:50

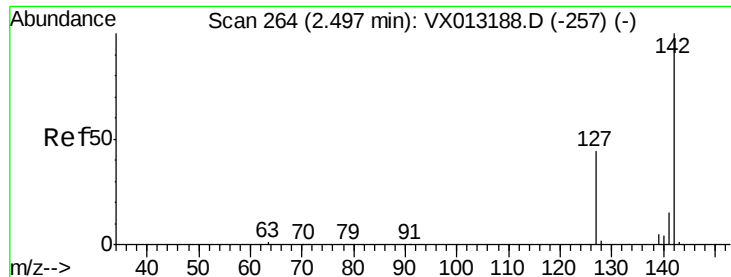
Tgt Ion: 101 Resp: 266

Ion Ratio Lower Upper

101 100

103 58.6 53.0 79.6

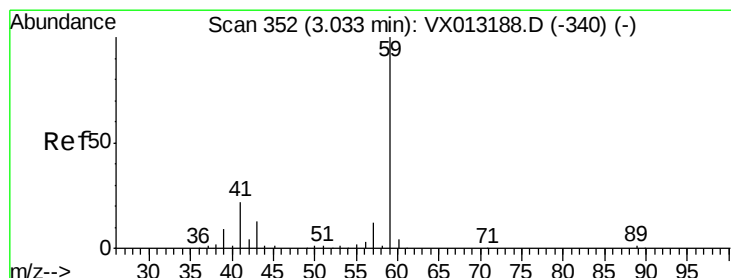
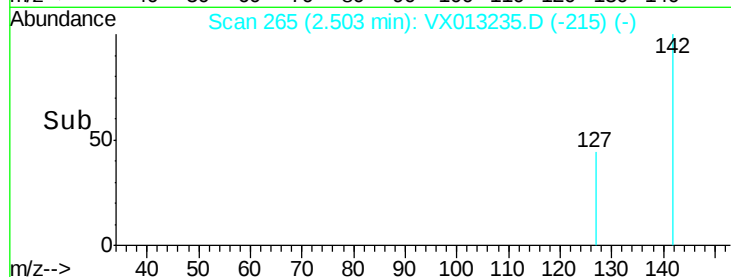
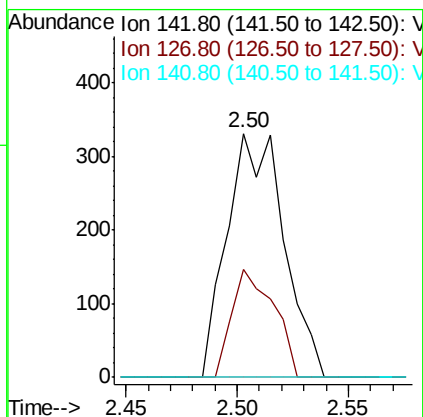
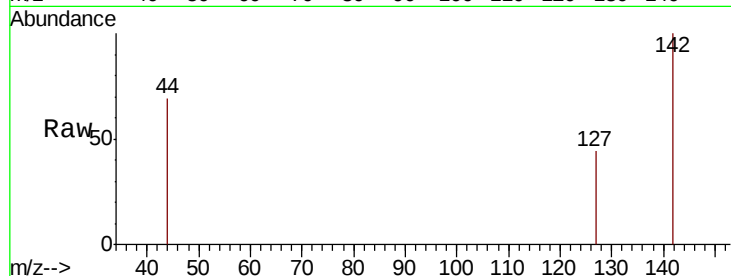




#10
Methvl Iodide
Concen: 3.887 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

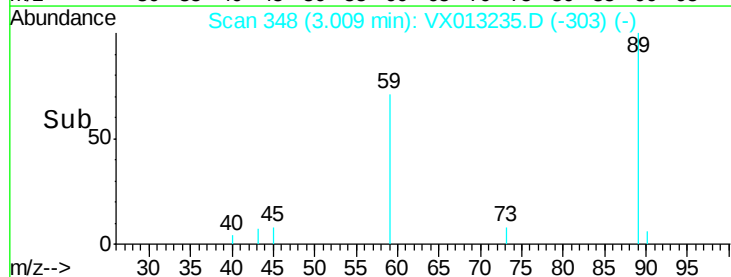
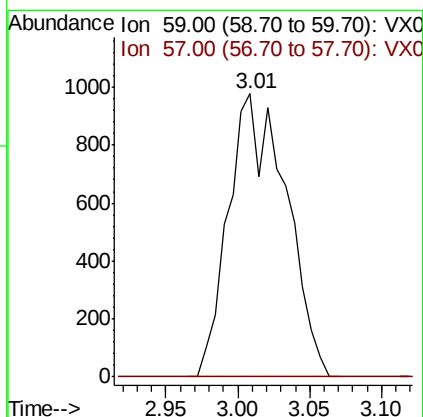
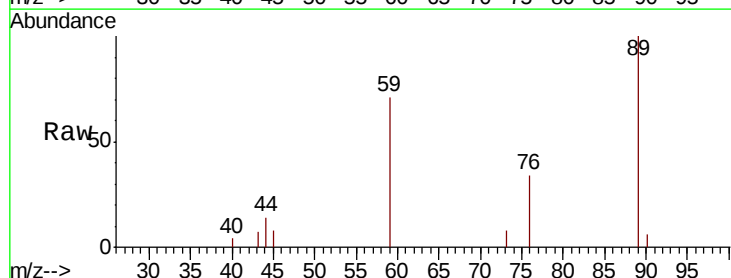
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

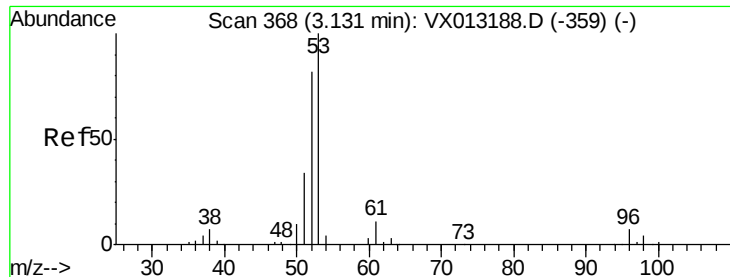
Tot Ion:142 Resp: 587
Ion Ratio Lower Upper
142 100
127 32.9 35.6 53.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 7.476 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 59 Resp: 2719
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#15

Acrylonitrile

Concen: 0.753 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

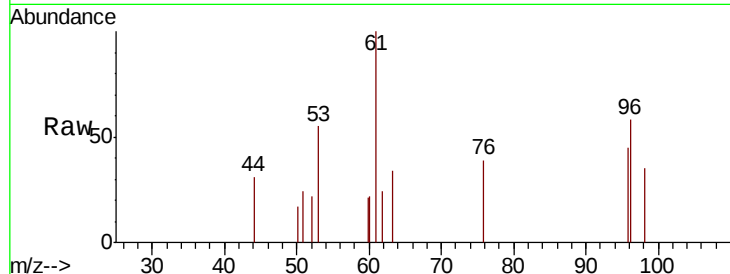
Tot Ion: 53 Resp: 489

Ion Ratio Lower Upper

53 100

52 50.9 66.4 99.6#

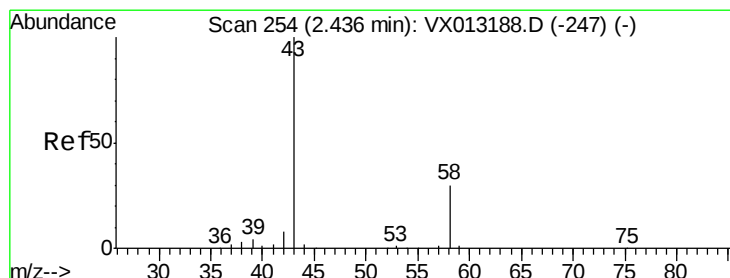
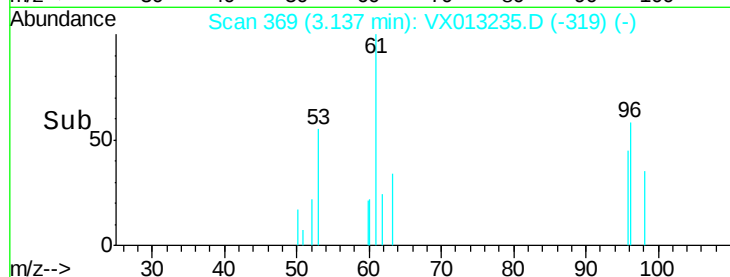
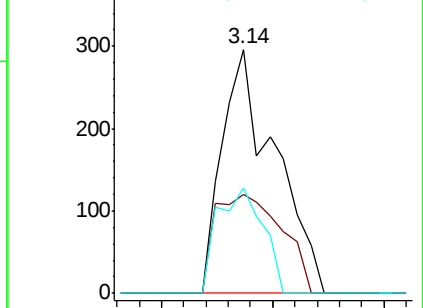
51 37.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 9.370 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013235.D

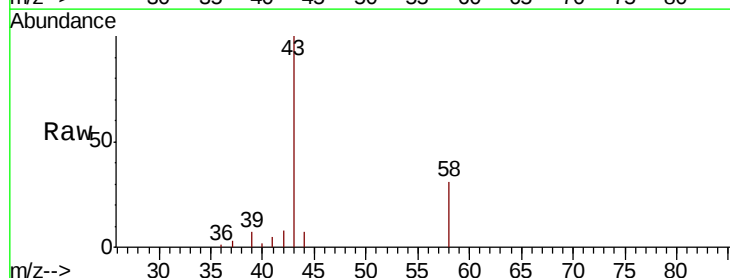
Acq: 25 Oct 2019 16:50

Tgt Ion: 43 Resp: 6504

Ion Ratio Lower Upper

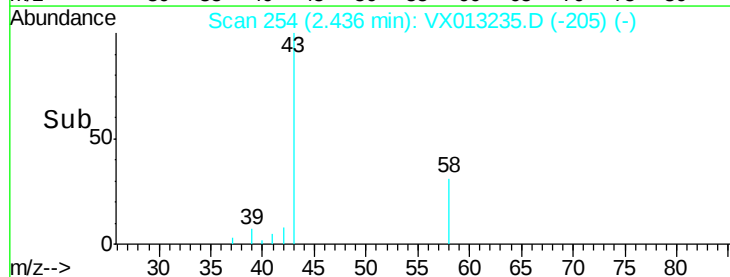
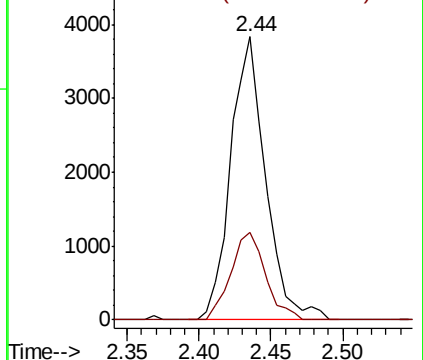
43 100

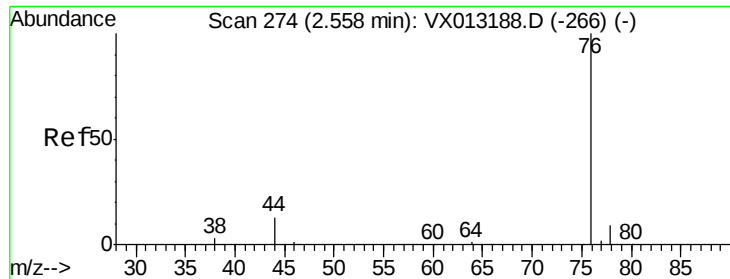
58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

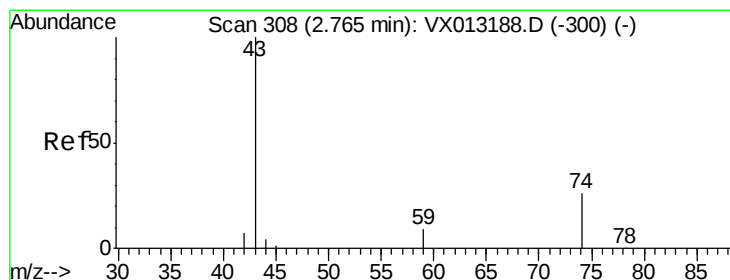
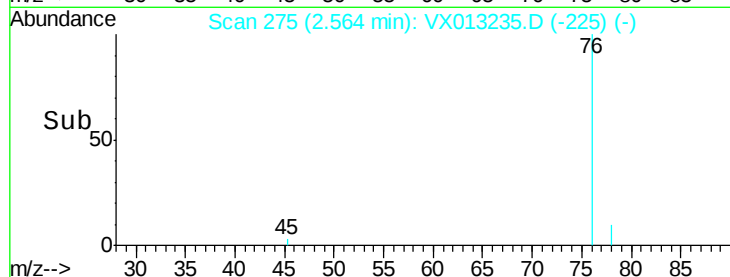
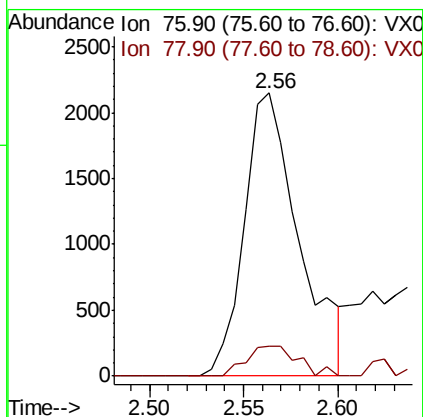
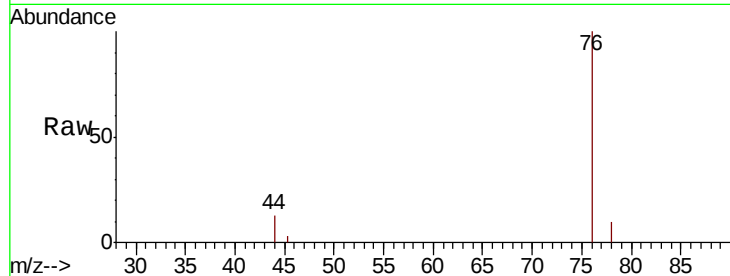




#17
Carbon Disulfide
Concen: 1.346 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

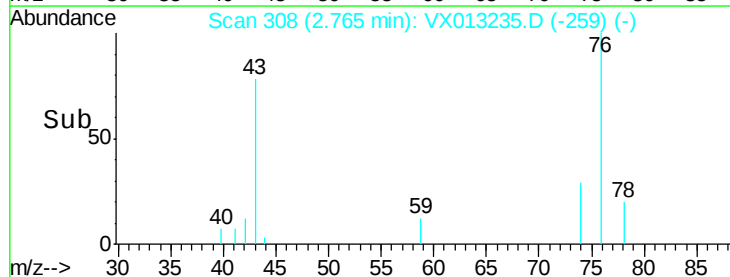
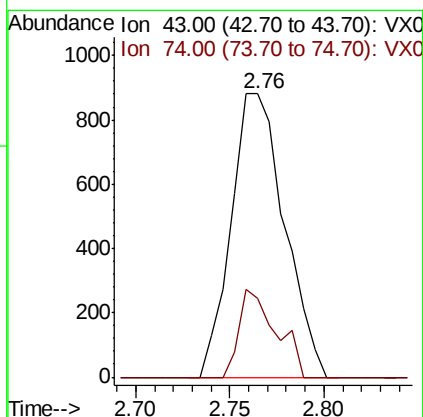
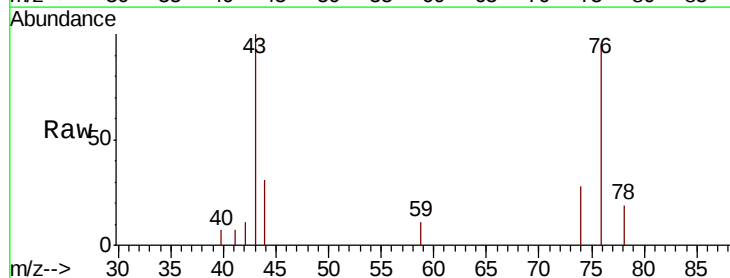
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

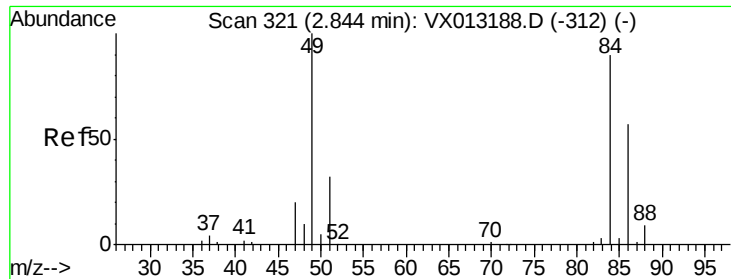
Tot Ion: 76 Resp: 4344
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#18
Methyl Acetate
Concen: 2.088 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
74 21.5 20.9 31.3

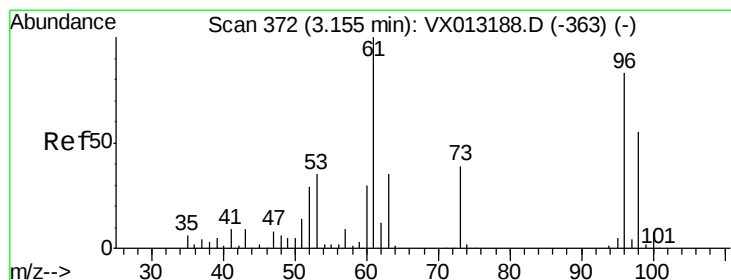
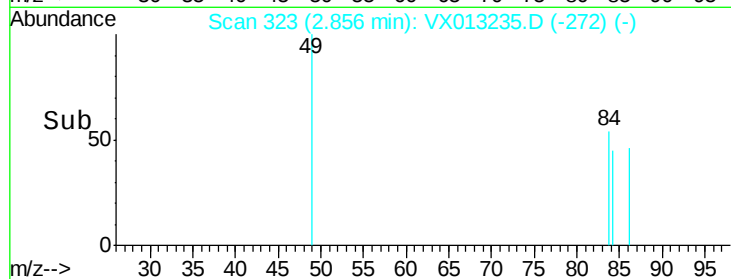
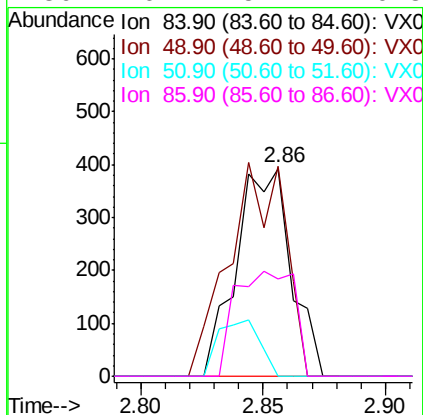
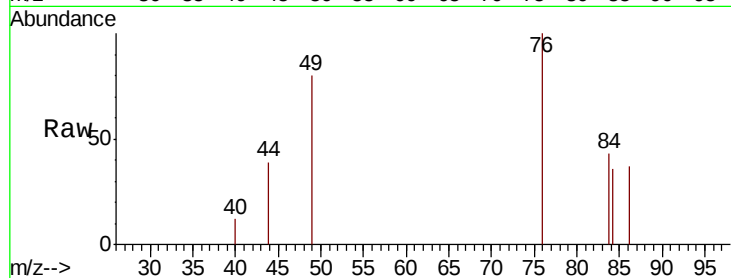




#20
Methvlene Chloride
Concen: 0.759 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

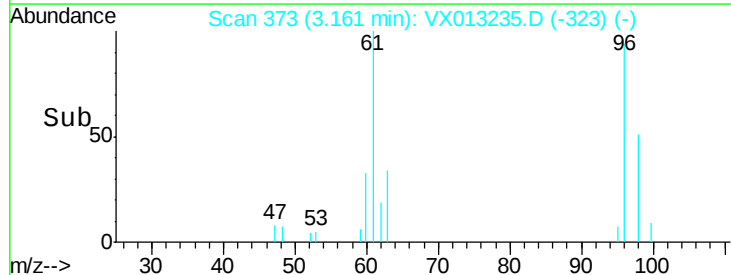
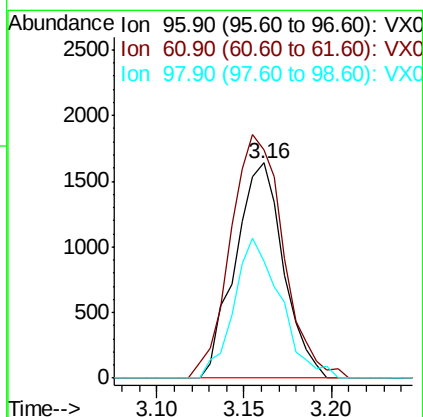
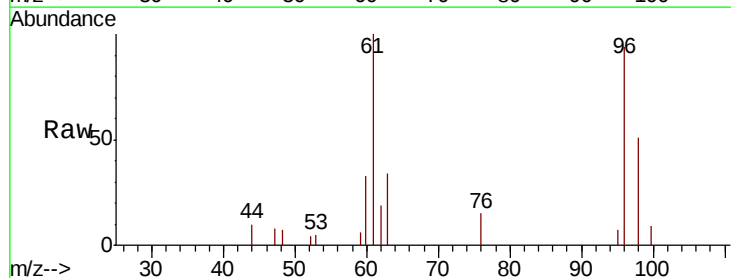
Instrument :
MSVOA_X
ClientSampled :
S32-0672

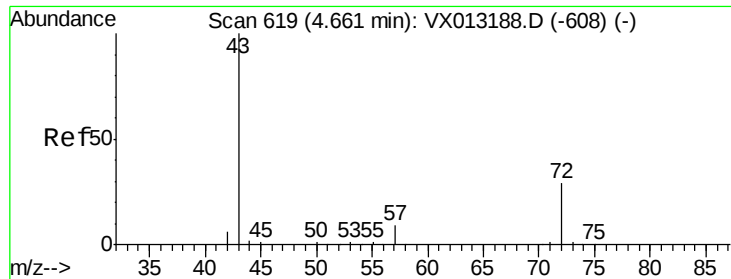
Tot Ion: 84 Resp: 614
Ion Ratio Lower Upper
84 100
49 101.3 89.2 133.8
51 0.0 28.8 43.2#
86 46.7 51.2 76.8#



#21
trans-1,2-Dichloroethene
Concen: 2.967 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 96 Resp: 3140
Ion Ratio Lower Upper
96 100
61 106.1 96.9 145.3
98 54.6 53.0 79.4





#25

2-Butanone

Concen: 0.358 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

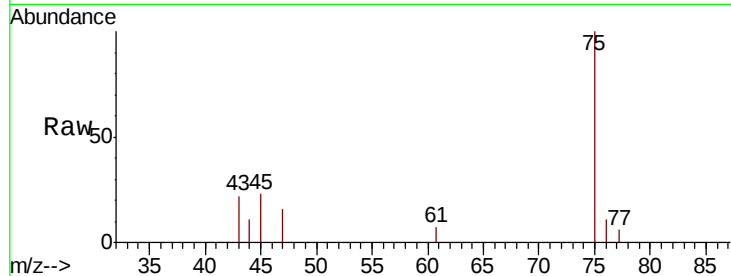
S32-0672

Tot Ion: 43 Resp: 333

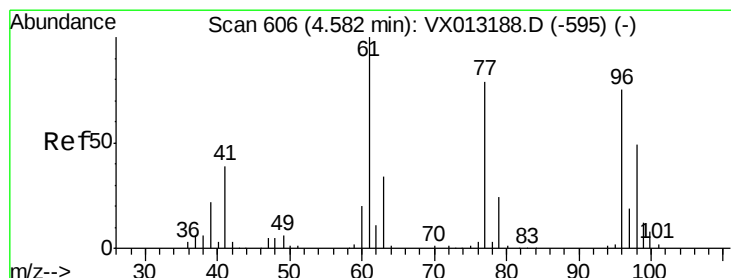
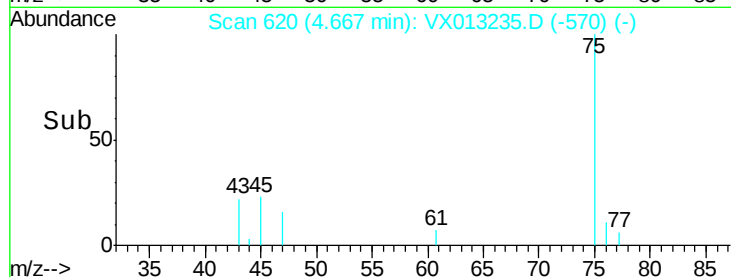
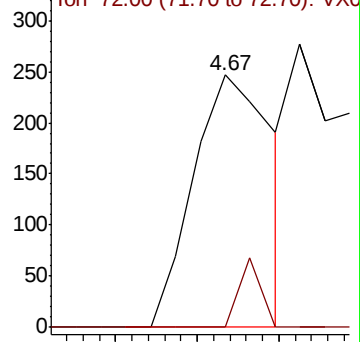
Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.690 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

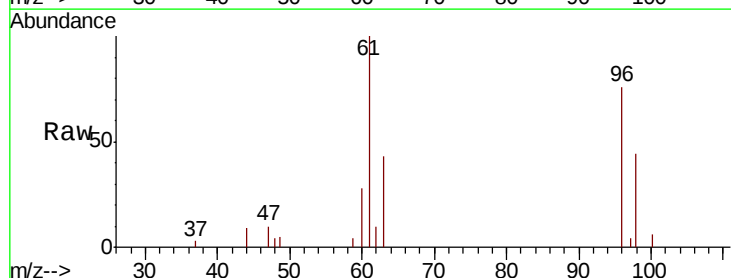
Tgt Ion: 96 Resp: 3953

Ion Ratio Lower Upper

96 100

61 134.2 0.0 290.4

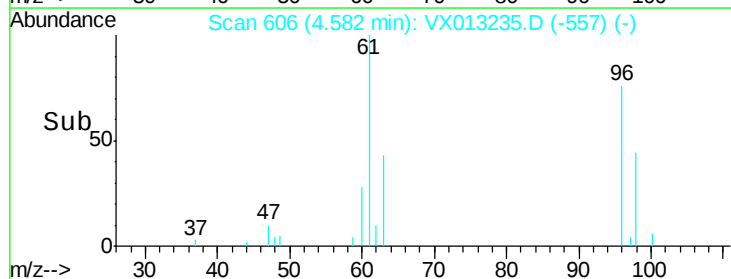
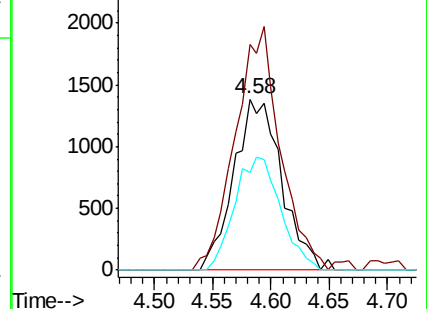
98 63.5 0.0 130.4

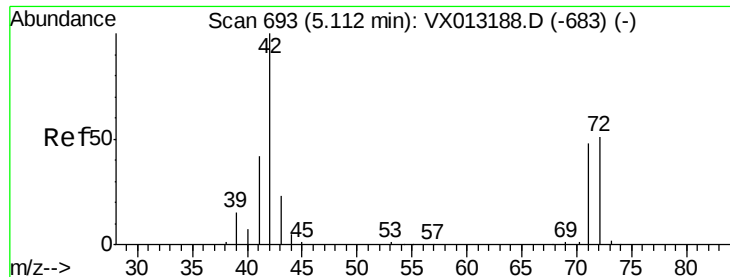


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

S32-0672

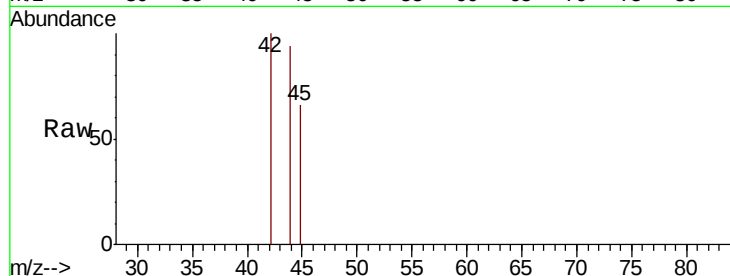
Tot Ion: 42 Resp: 130

Ion Ratio Lower Upper

42 100

72 0.0 40.9 61.3#

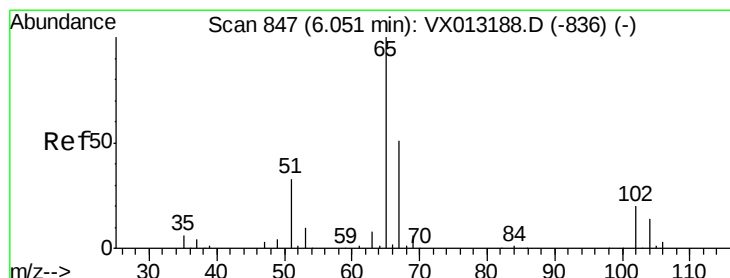
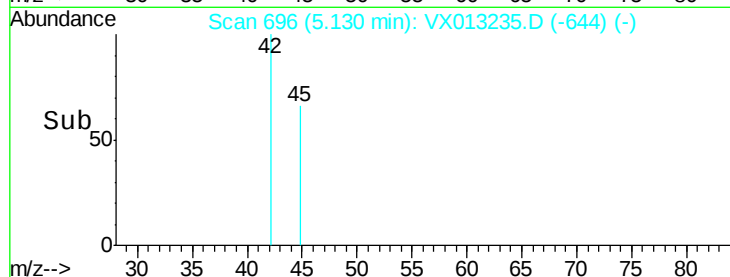
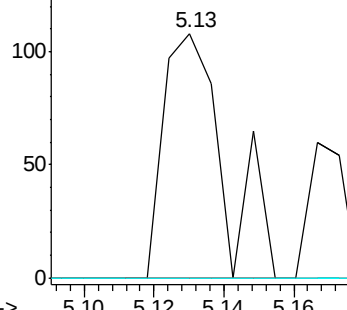
71 0.0 38.6 57.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.830 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013235.D

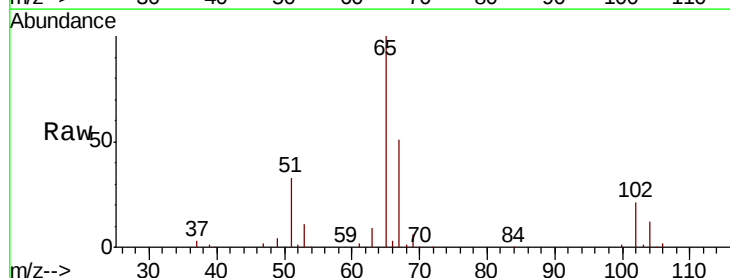
Acq: 25 Oct 2019 16:50

Tgt Ion: 65 Resp: 82259

Ion Ratio Lower Upper

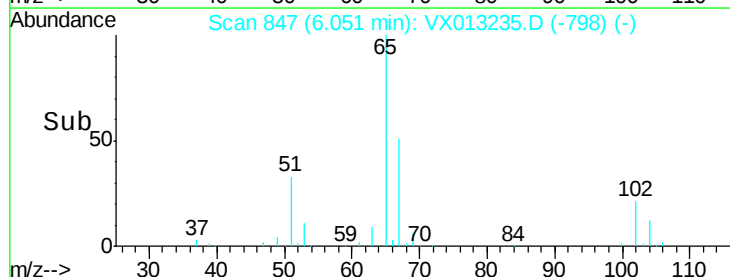
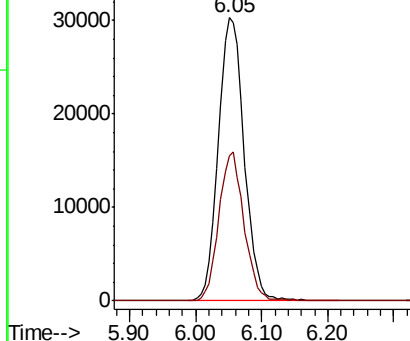
65 100

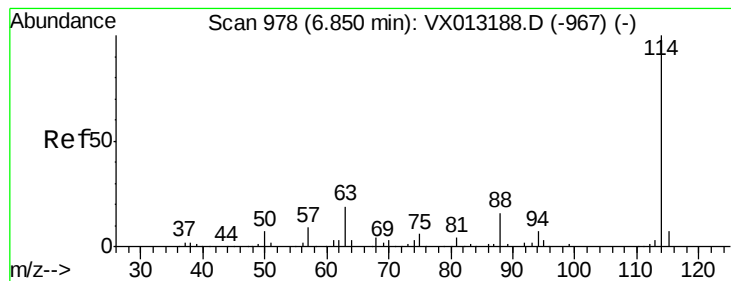
67 50.9 0.0 102.6



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

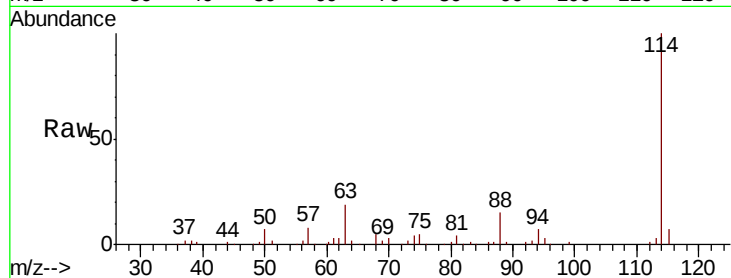
Tot Ion:114 Resp: 105607

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

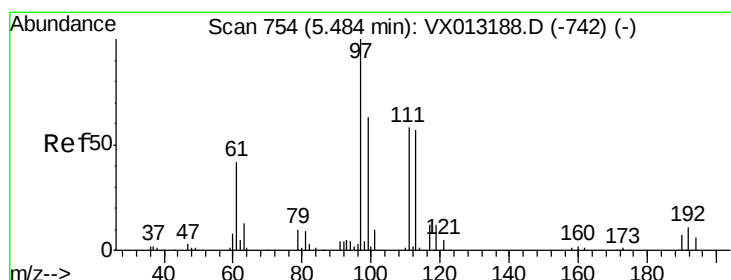
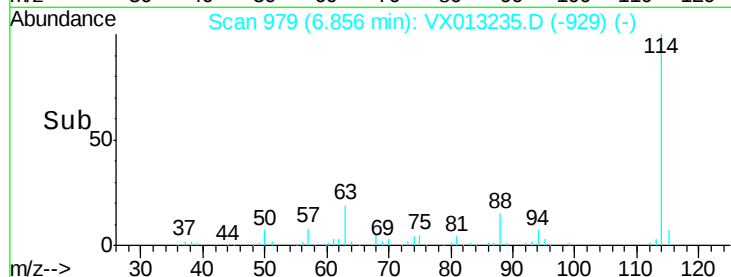
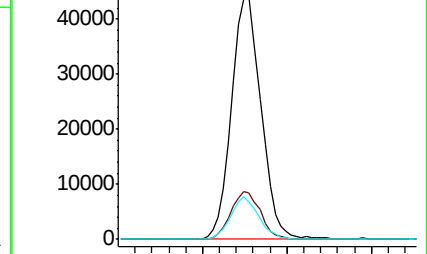
88 15.3 0.0 32.0



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: 53.535 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

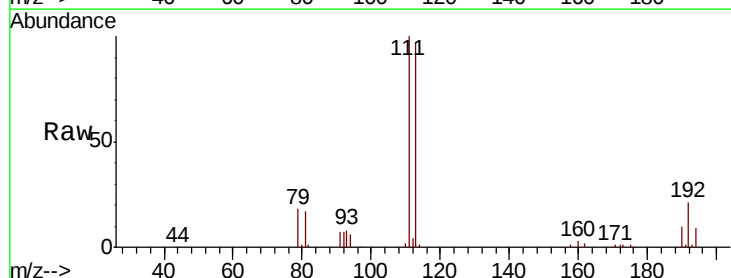
Tgt Ion:113 Resp: 63047

Ion Ratio Lower Upper

113 100

111 102.1 80.3 120.5

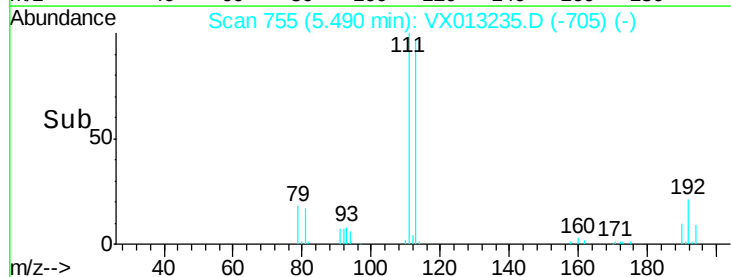
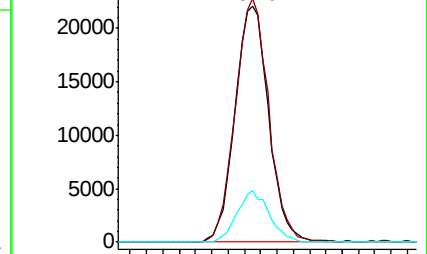
192 20.8 15.9 23.9

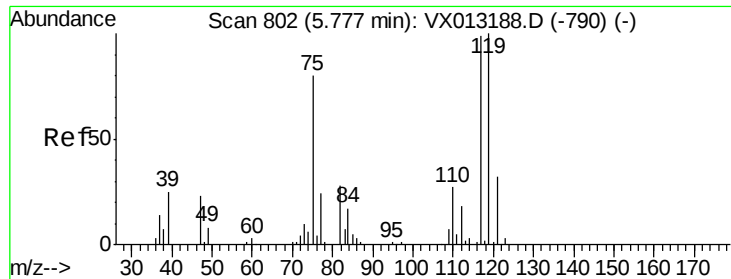


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

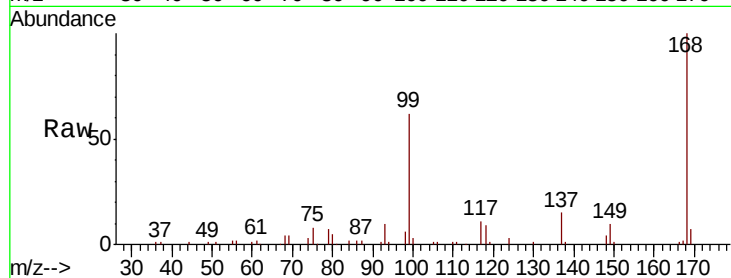




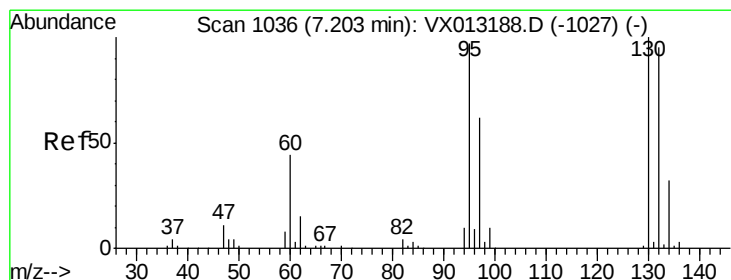
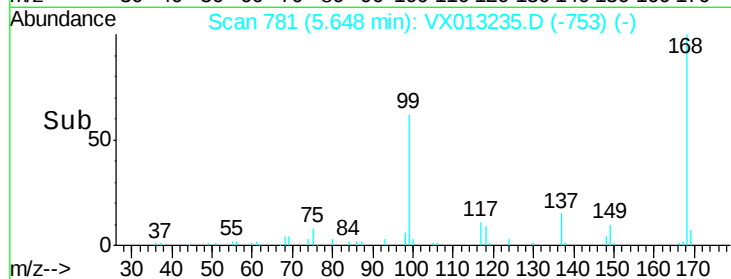
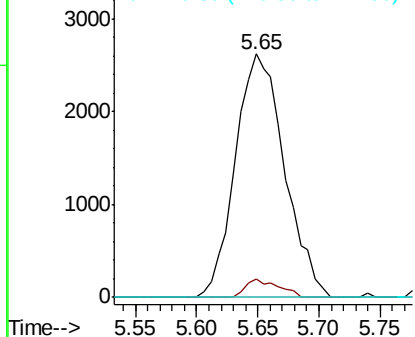
#38
Carbon Tetrachloride
Concen: 3.745 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Instrument :
MSVOA_X
ClientSampled :
S32-0672

Tot Ion:117 Resp: 7311
Ion Ratio Lower Upper
117 100
119 7.6 80.1 120.1#
121 0.0 25.5 38.3#

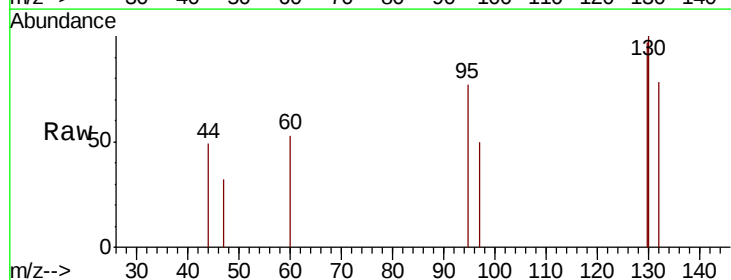


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

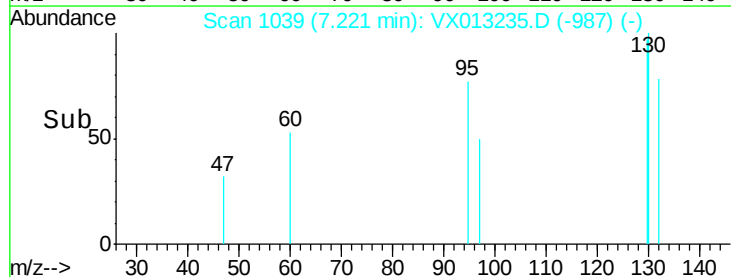
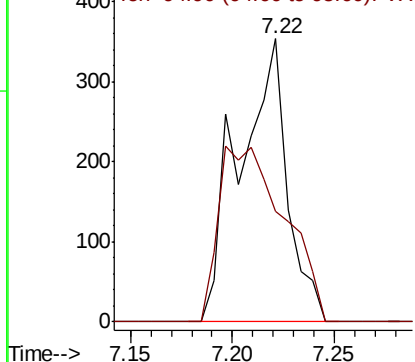


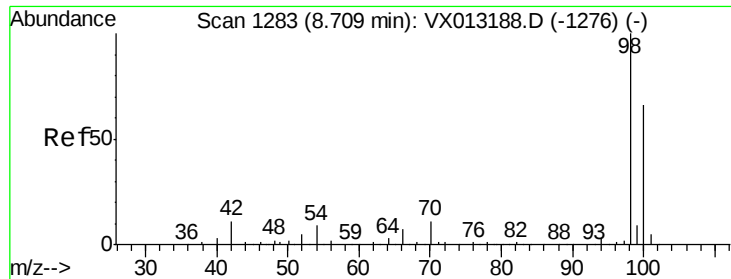
#44
Trichloroethene
Concen: 0.389 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.02 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion:130 Resp: 585
Ion Ratio Lower Upper
130 100
95 39.1 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

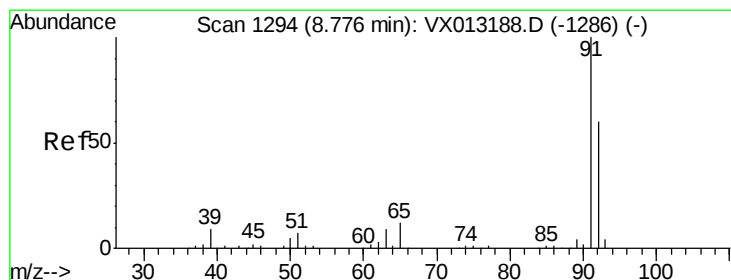
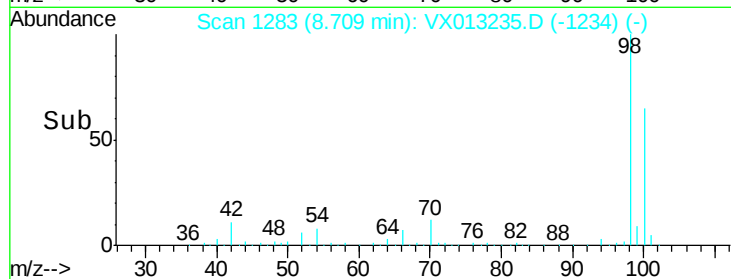
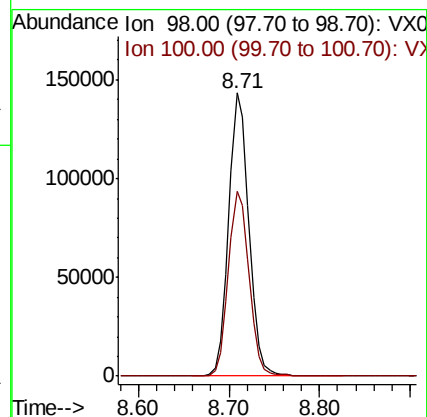
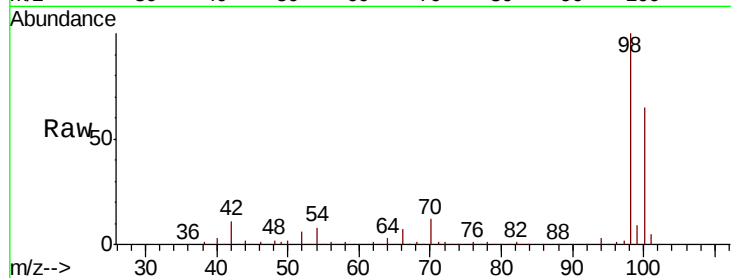




#50
Toluene-d8
Concen: 51.009 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

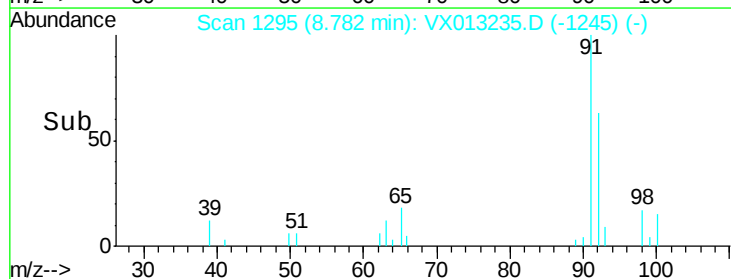
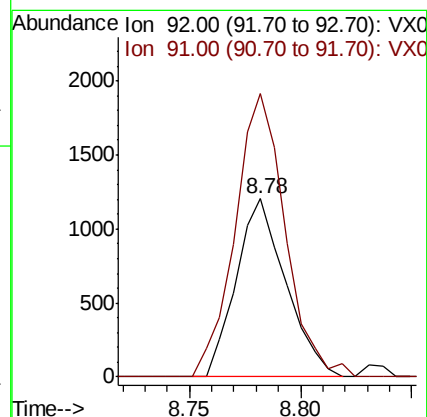
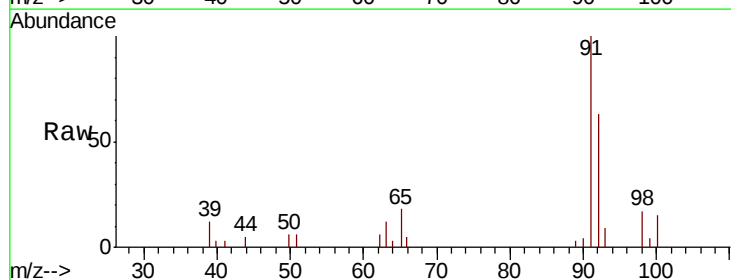
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

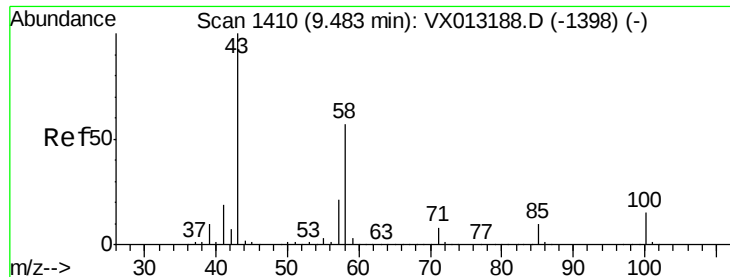
Tot Ion: 98 Resp: 222620
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#52
Toluene
Concen: 0.532 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 92 Resp: 1870
Ion Ratio Lower Upper
92 100
91 160.4 133.9 200.9





#59

2-Hexanone

Concen: 0.238 ug/l

RT: 9.51 min Scan# 1414

Delta R.T. 0.02 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

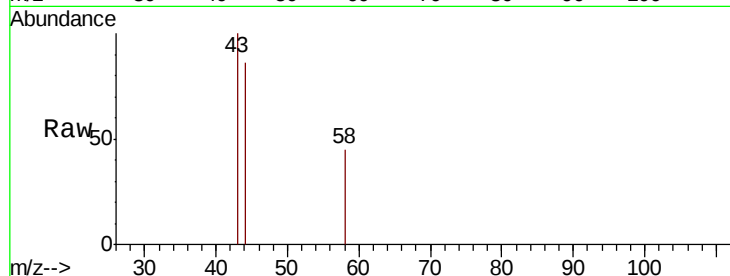
S32-0672

Tot Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

58 31.9 28.2 84.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

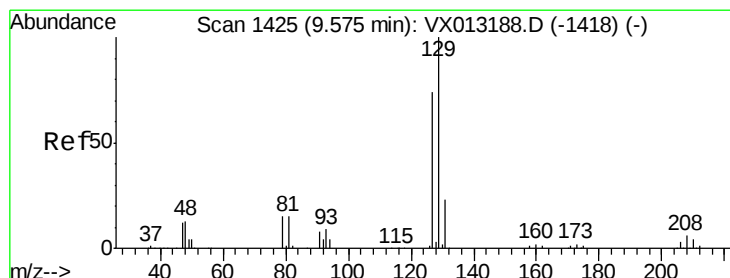
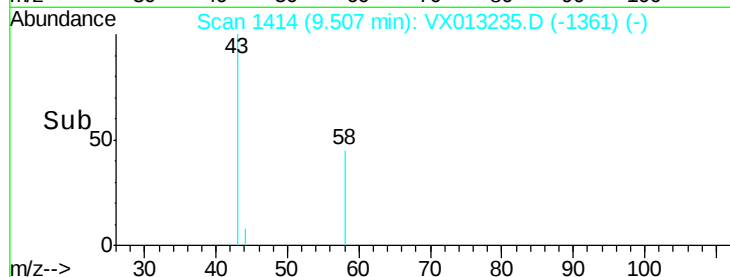
150

100

50

0

Time-->



#60

Dibromochloromethane

Concen: 0.236 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.24 min

Lab File: VX013235.D

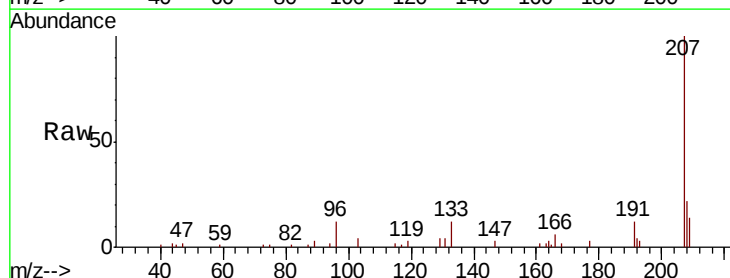
Acq: 25 Oct 2019 16:50

Tgt Ion:129 Resp: 343

Ion Ratio Lower Upper

129 100

127 0.0 38.2 114.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

300

250

200

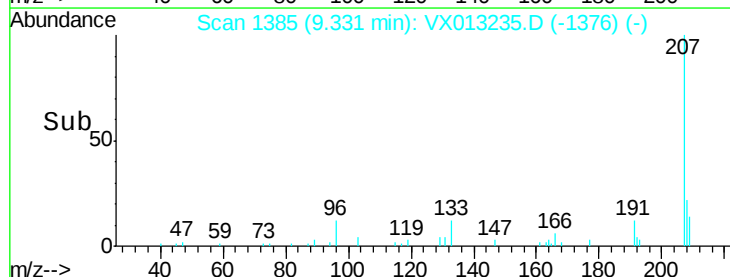
150

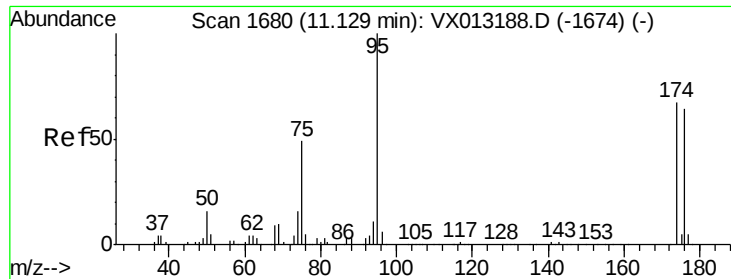
100

50

0

Time-->

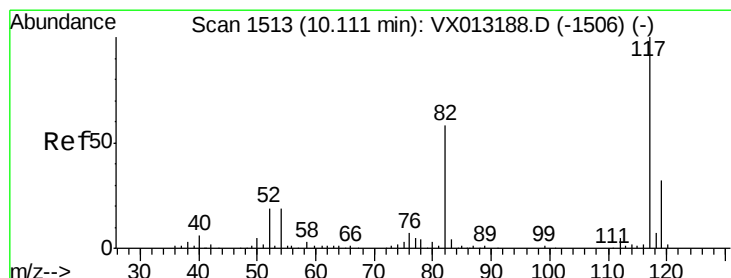
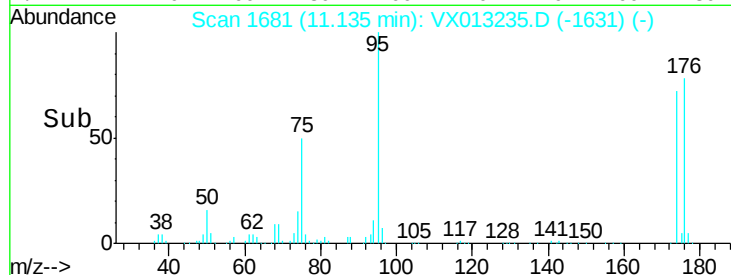
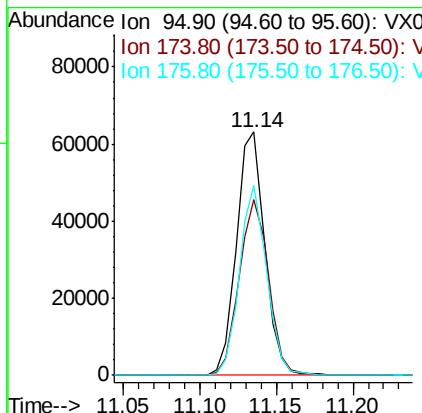
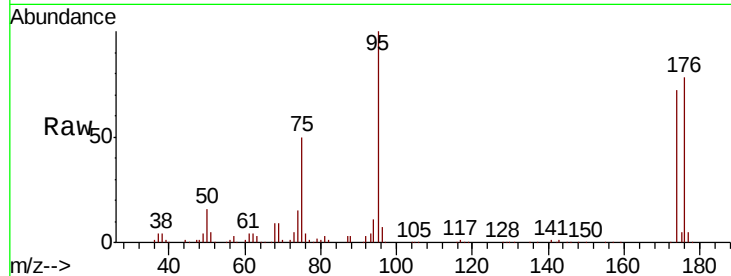




#62
4-Bromofluorobenzene
Concen: 46.802 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

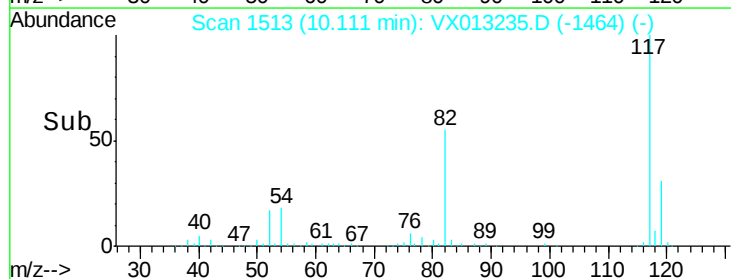
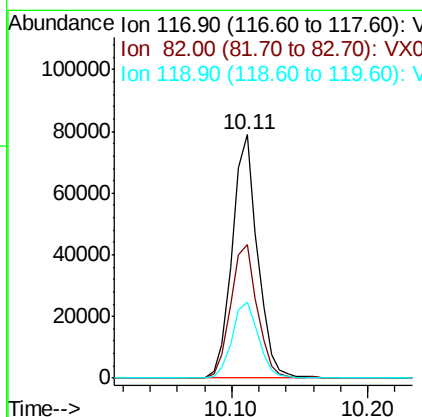
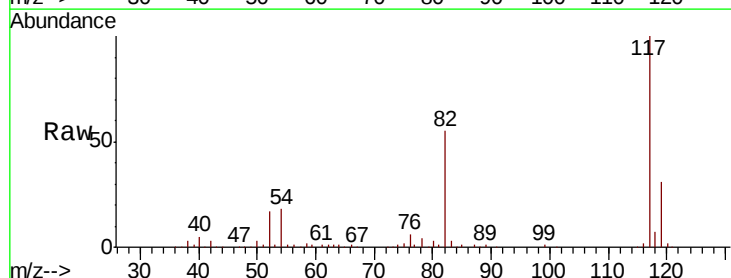
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

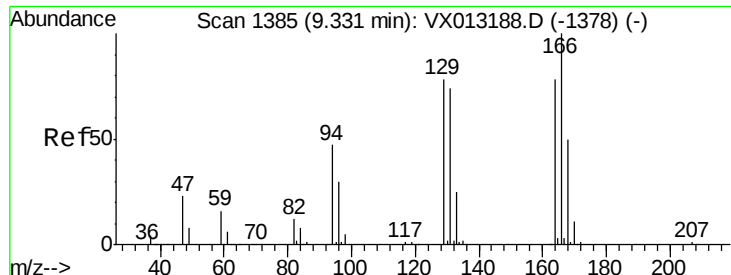
Tot Ion: 95 Resp: 80846
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.4
176 75.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 117 Resp: 102426
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 31.3 25.2 37.8

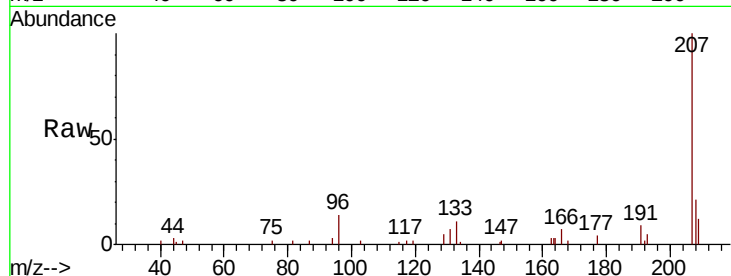




#64
Tetrachloroethene
Concen: Below Cal
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
S32-0672

Tot Ion	Ratio	Lower	Upper
164	100		
166	114.6	102.2	153.4
129	92.9	79.8	119.8
131	112.3	75.3	112.9

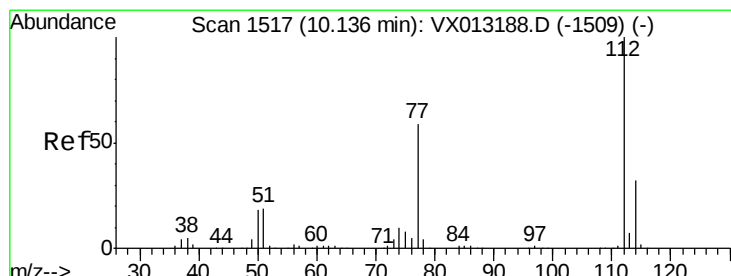
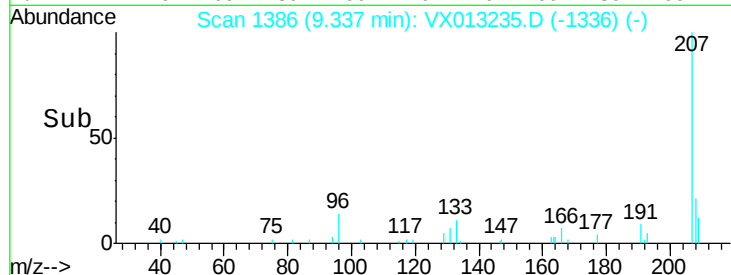
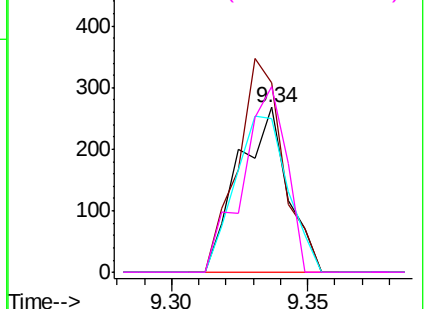


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

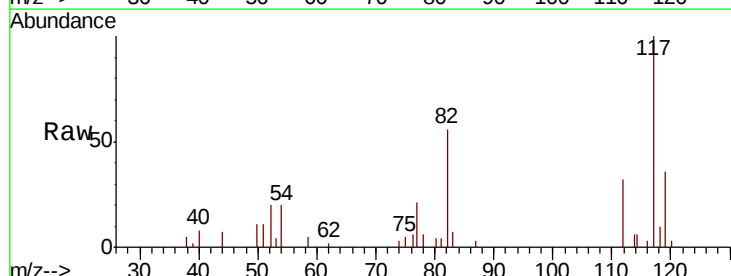
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



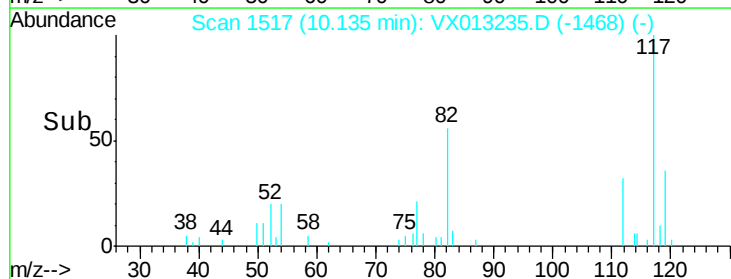
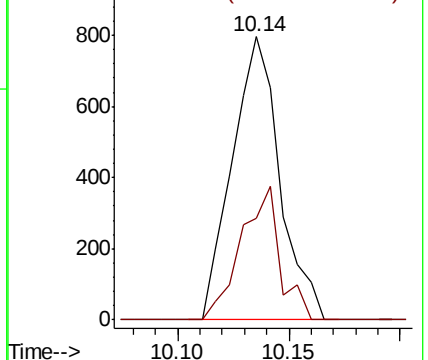
#65
Chlorobenzene
Concen: 0.330 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

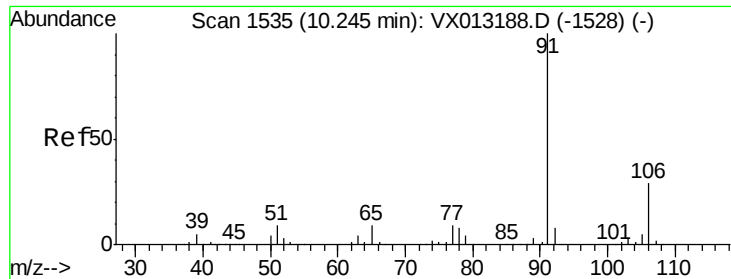
Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.8	25.8	38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.212 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

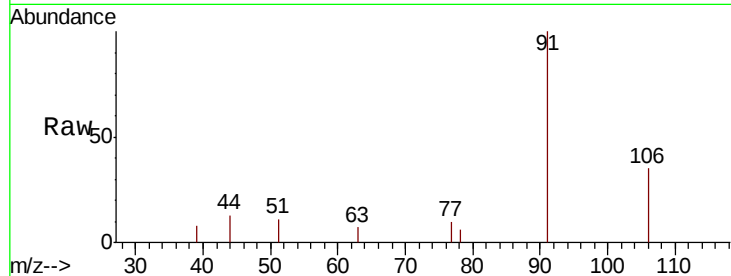
S32-0672

Tot Ion: 91 Resp: 1364

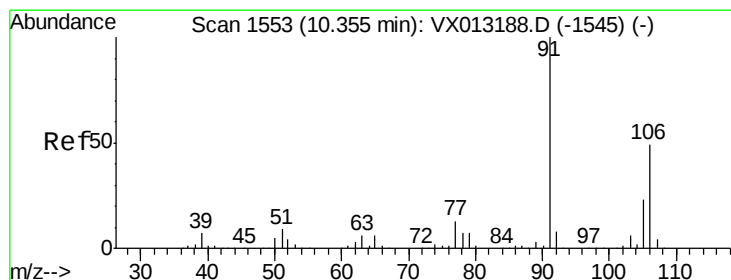
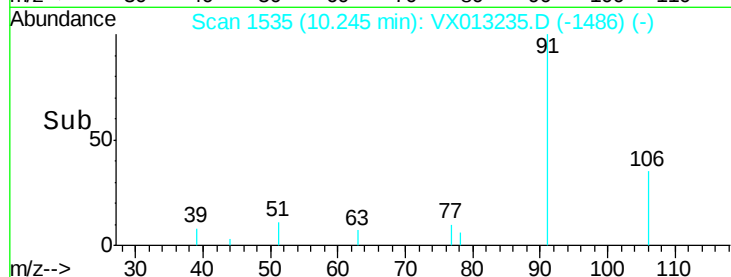
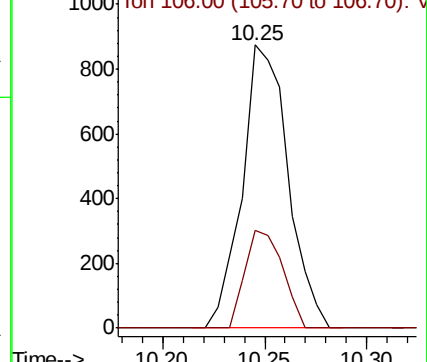
Ion Ratio Lower Upper

91 100

106 34.6 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1528) (-)



#68

m/p-Xylenes

Concen: 0.549 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013235.D

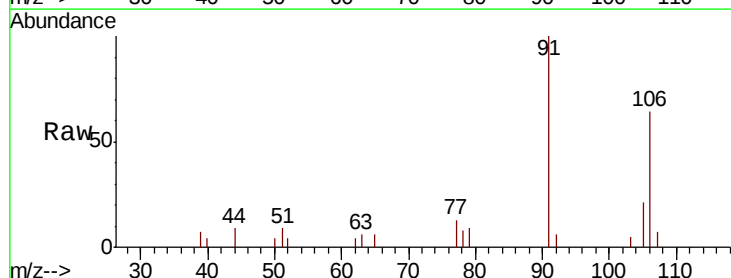
Acq: 25 Oct 2019 16:50

Tgt Ion: 106 Resp: 1332

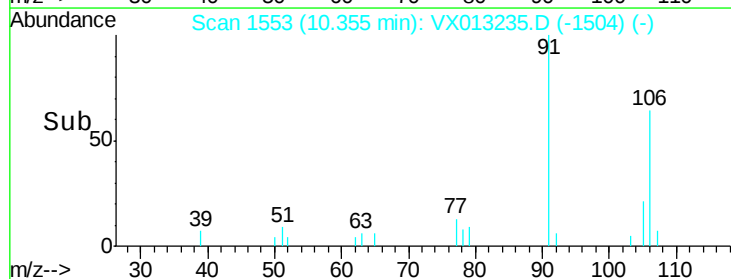
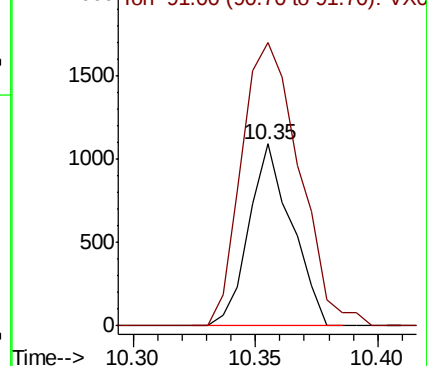
Ion Ratio Lower Upper

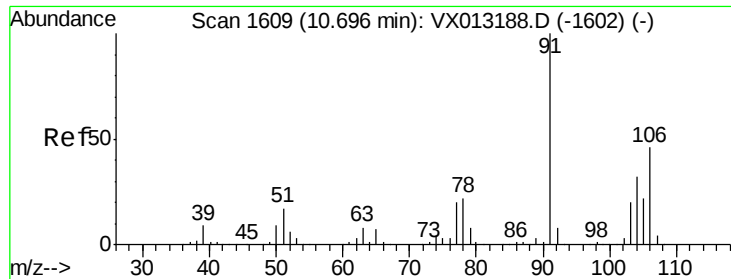
106 100

91 210.8 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): VX013188.D (-1545) (-)

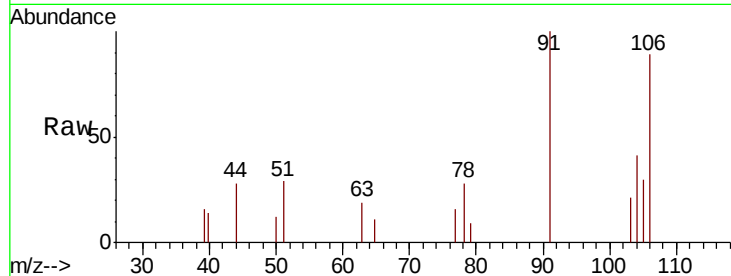




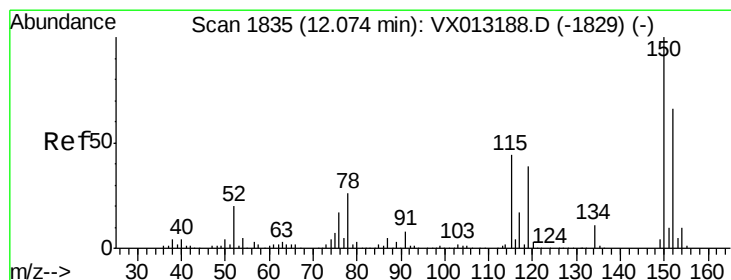
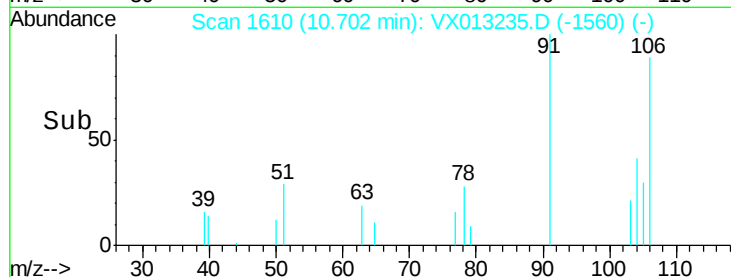
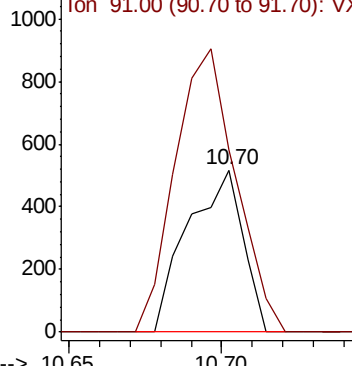
#69
o-Xylene
Concen: 0.277 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
S32-0672

Tot Ion:106 Resp: 645
Ion Ratio Lower Upper
106 100
91 192.6 110.7 331.9

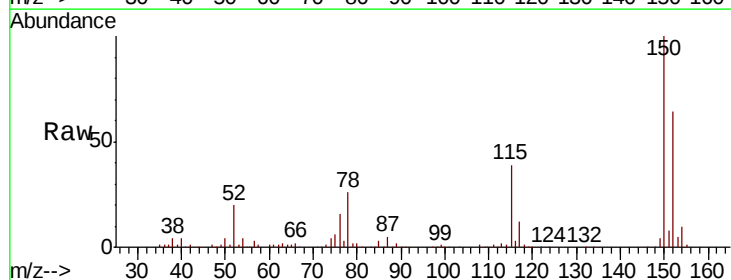


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

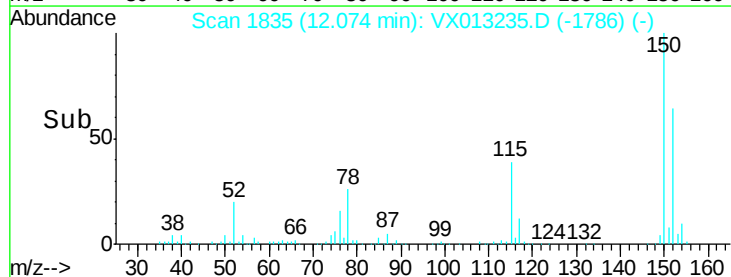
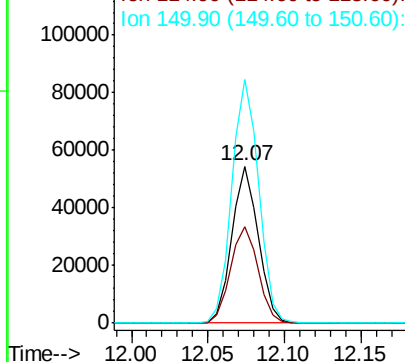


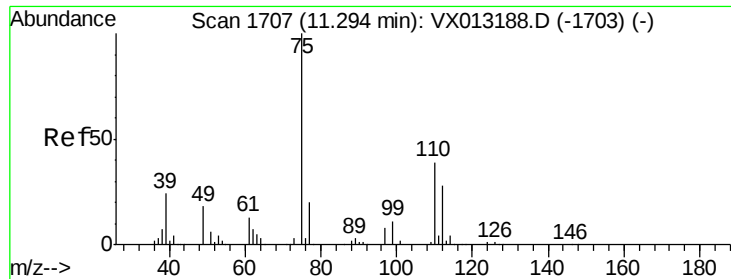
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion:152 Resp: 64943
Ion Ratio Lower Upper
152 100
115 64.2 46.6 139.8
150 158.9 0.0 354.0



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

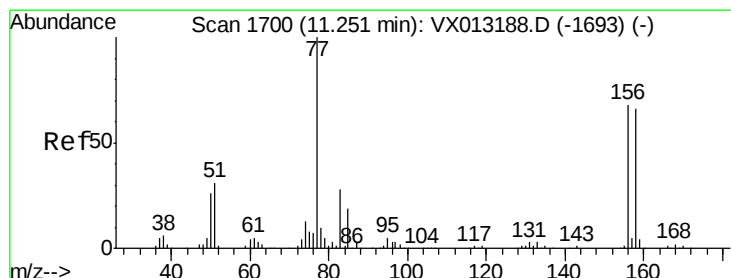
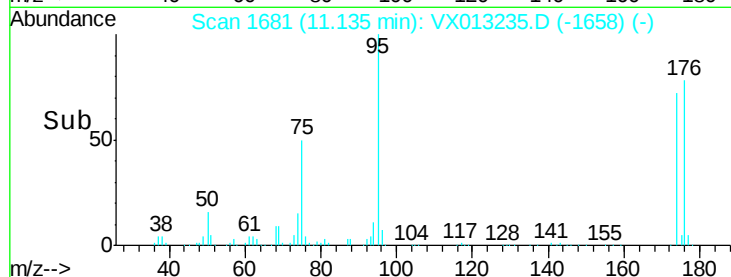
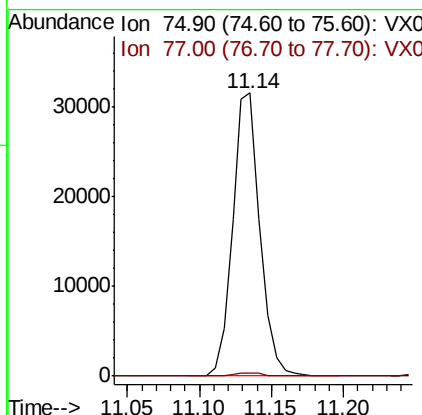
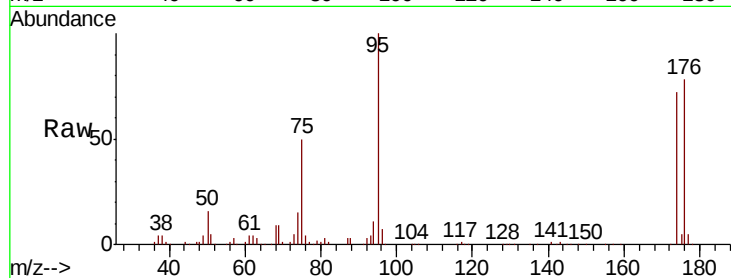




#76
 1,2,3-Trichloropropane
 Concen: 26.592 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

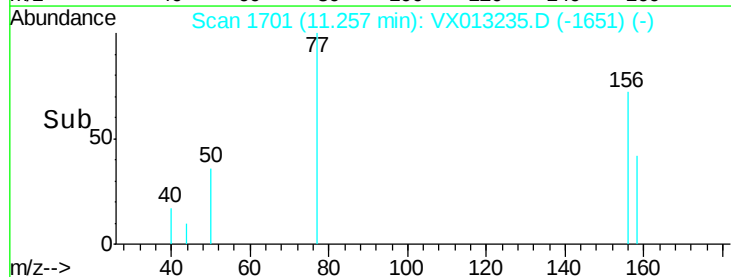
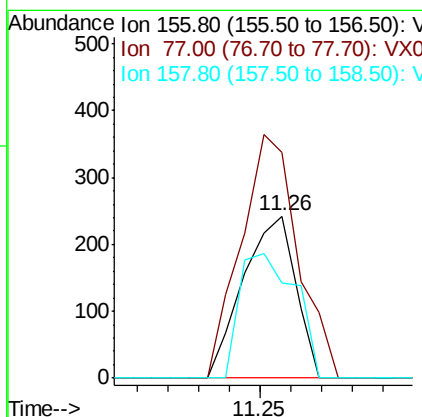
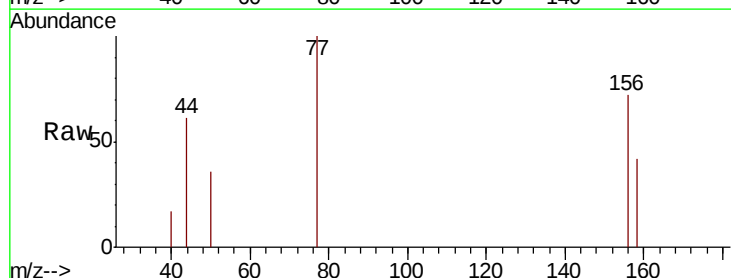
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

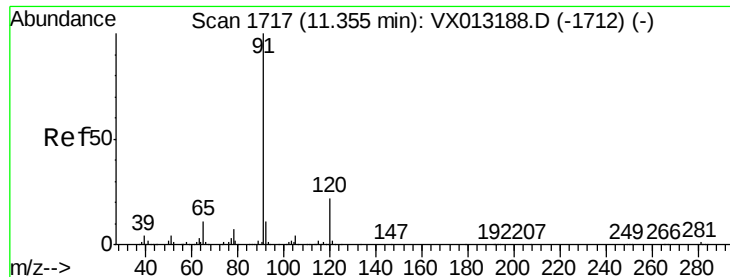
Tot Ion: 75 Resp: 41623
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#



#77
 Bromobenzene
 Concen: 0.204 ug/l
 RT: 11.26 min Scan# 1701
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Tgt Ion: 156 Resp: 288
 Ion Ratio Lower Upper
 156 100
 77 163.5 81.7 245.1
 158 81.6 49.6 148.8





#78

n-propylbenzene

Concen: 0.214 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

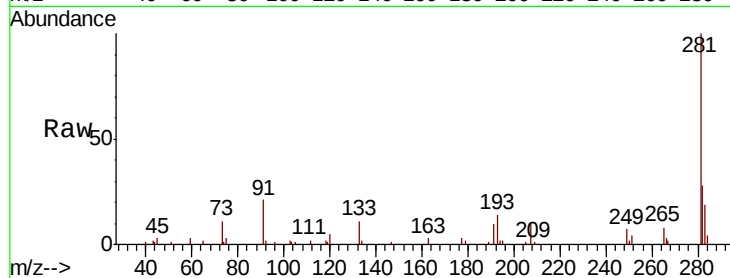
S32-0672

Tot Ion: 91 Resp: 1373

Ion Ratio Lower Upper

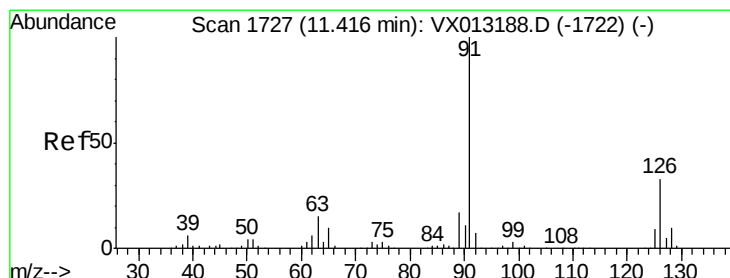
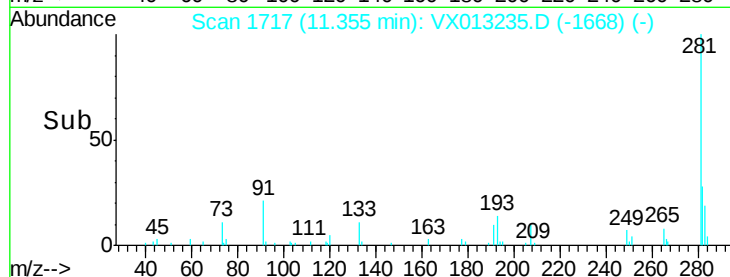
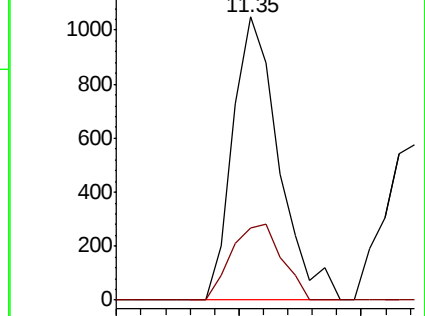
91 100

120 29.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.204 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX013235.D

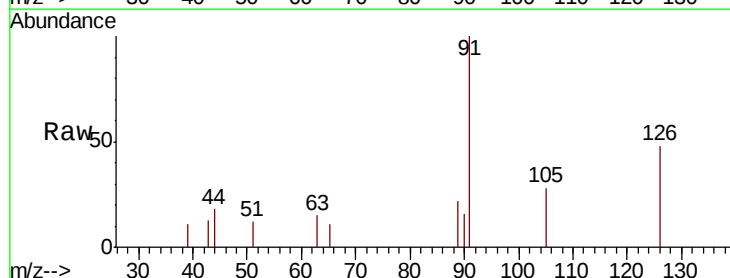
Acq: 25 Oct 2019 16:50

Tgt Ion: 91 Resp: 827

Ion Ratio Lower Upper

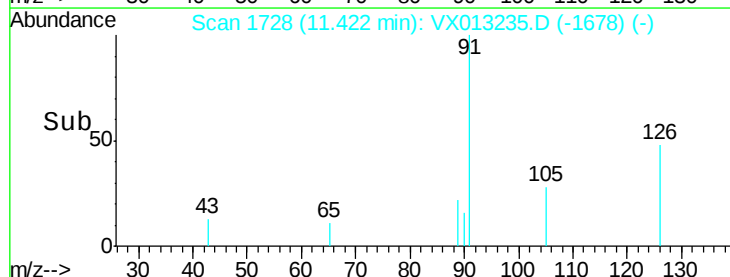
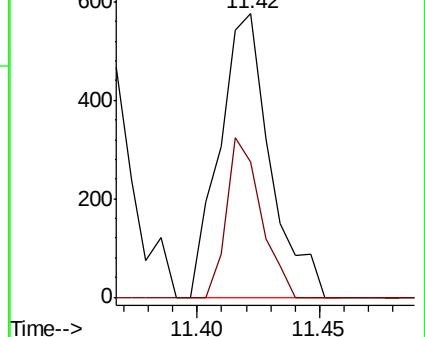
91 100

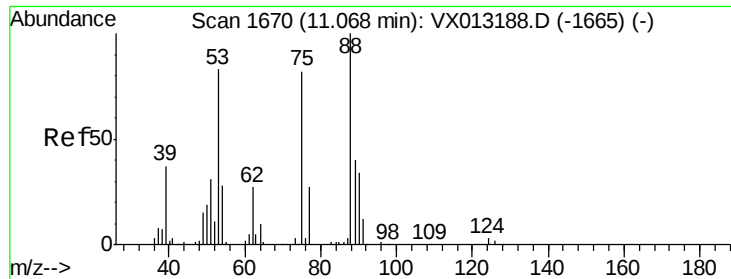
126 38.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.074 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

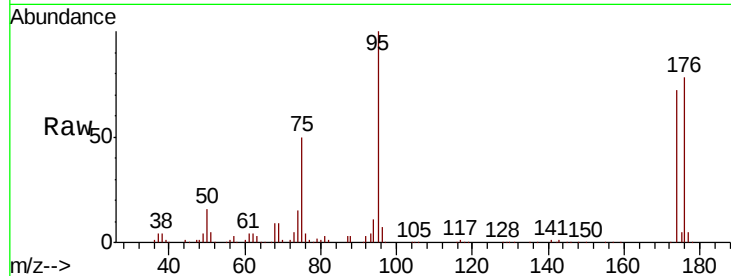
Tot Ion: 75 Resp: 41623

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

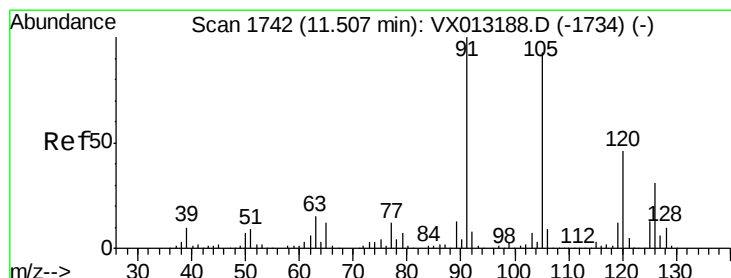
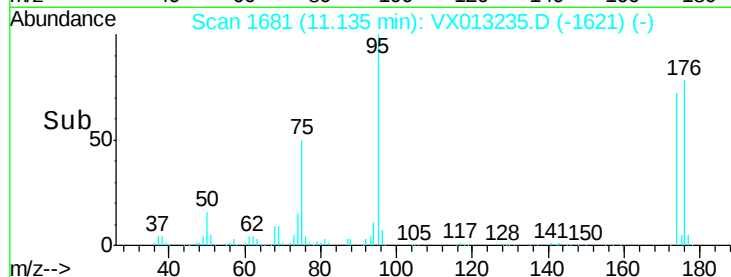
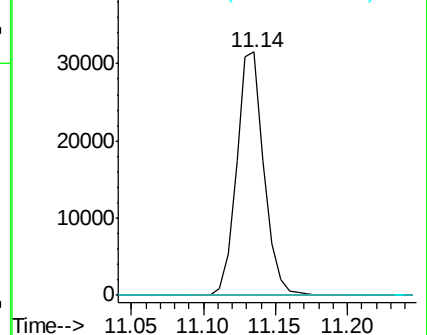
89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.250 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013235.D

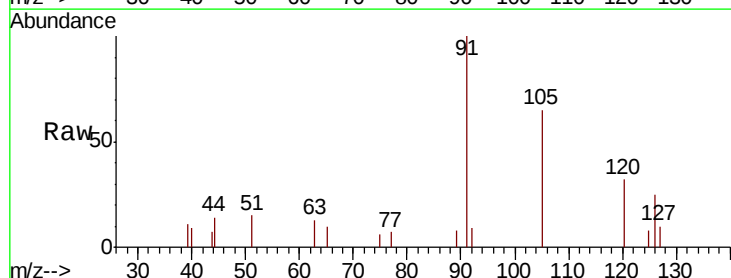
Acq: 25 Oct 2019 16:50

Tgt Ion: 91 Resp: 1148

Ion Ratio Lower Upper

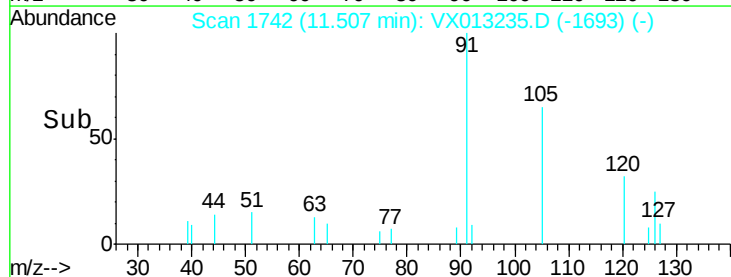
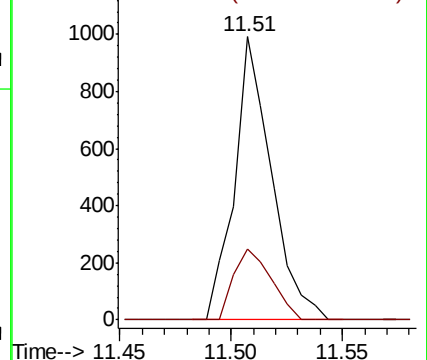
91 100

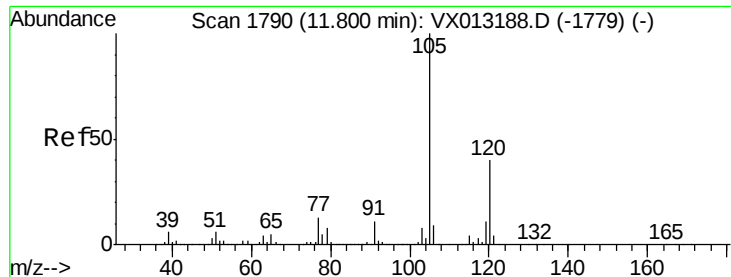
126 25.3 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

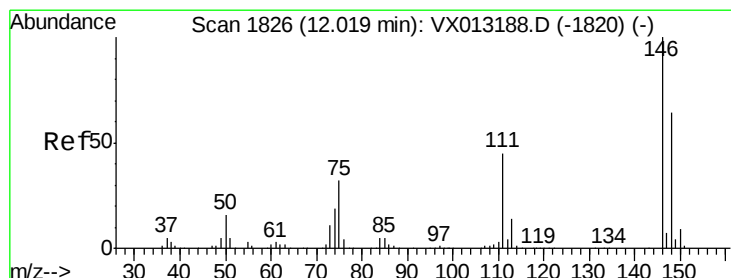
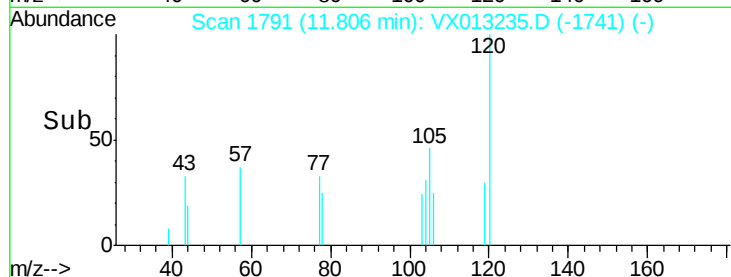
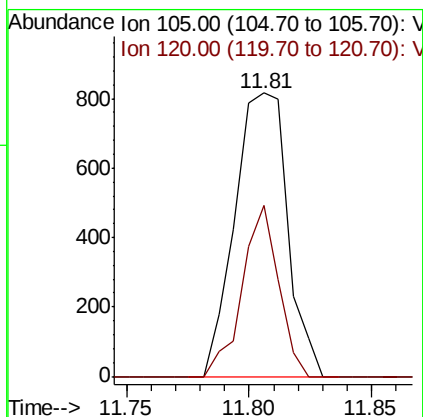
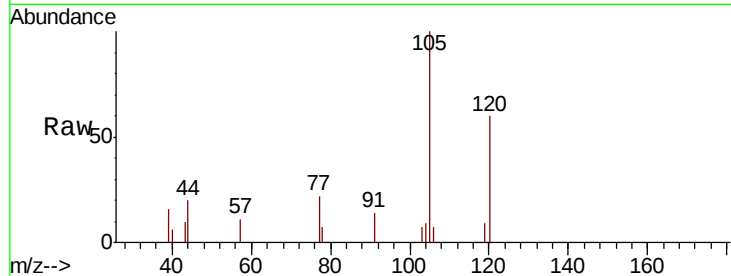




#84
 1,2,4-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

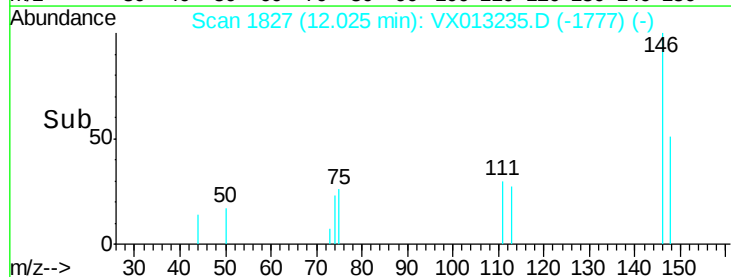
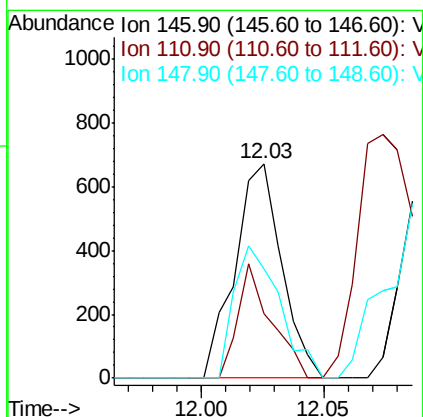
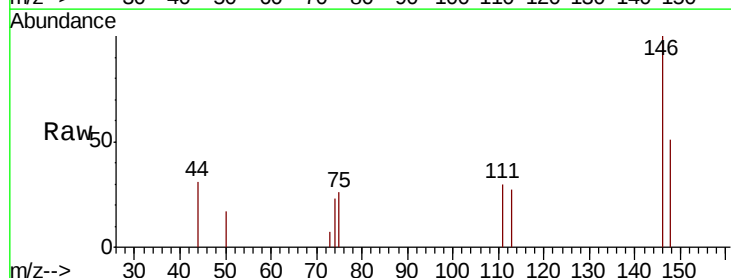
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0672

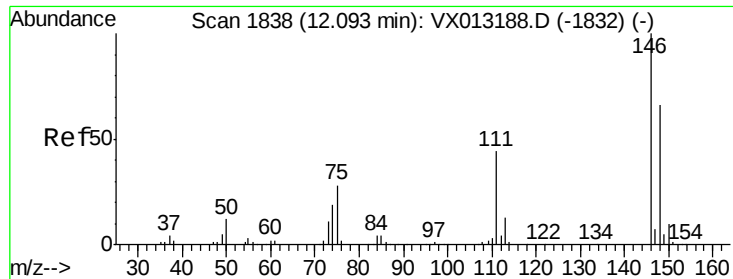
Tot Ion:105 Resp: 1223
 Ion Ratio Lower Upper
 105 100
 120 41.4 21.4 64.3



#87
 1,3-Dichlorobenzene
 Concen: 0.352 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Tgt Ion:146 Resp: 900
 Ion Ratio Lower Upper
 146 100
 111 37.7 21.3 63.9
 148 60.0 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 0.346 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.07 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

S32-0672

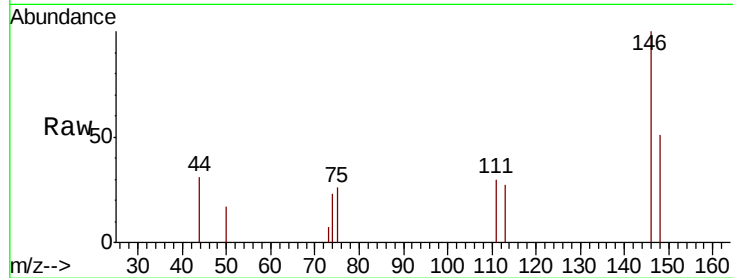
Tot Ion:146 Resp: 900

Ion Ratio Lower Upper

146 100

111 37.7 21.3 63.9

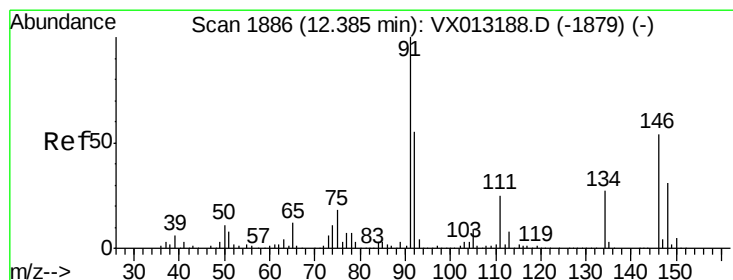
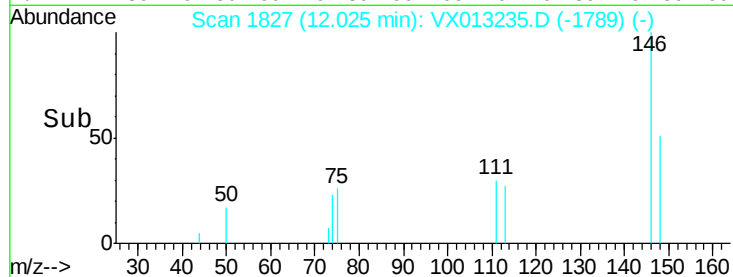
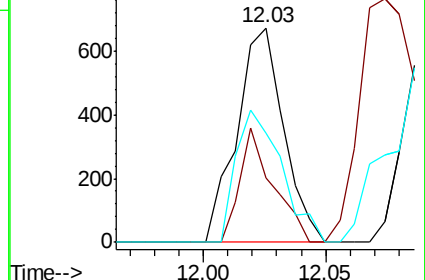
148 60.0 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.279 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

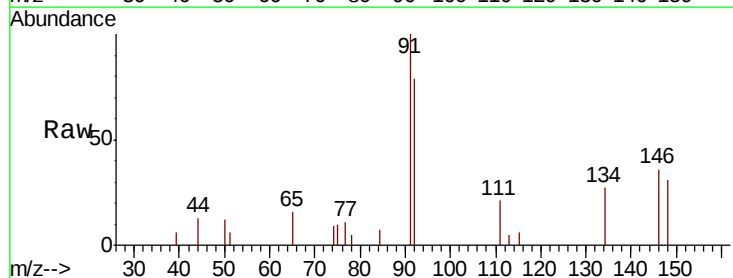
Tgt Ion: 91 Resp: 1185

Ion Ratio Lower Upper

91 100

92 67.3 27.7 83.1

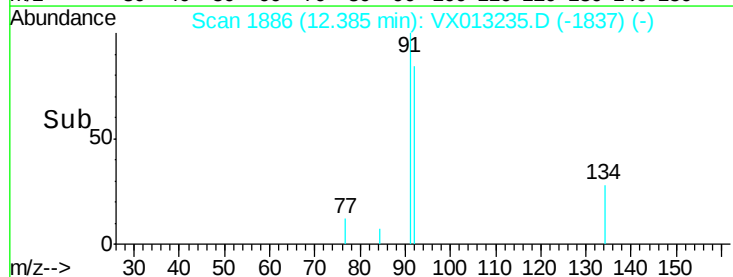
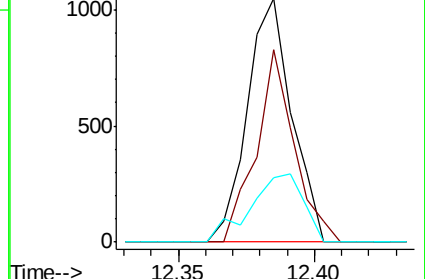
134 33.7 13.2 39.6

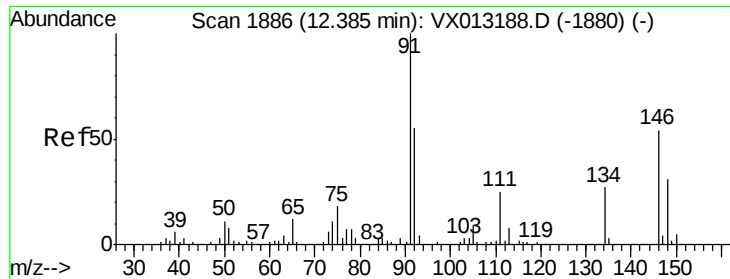


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

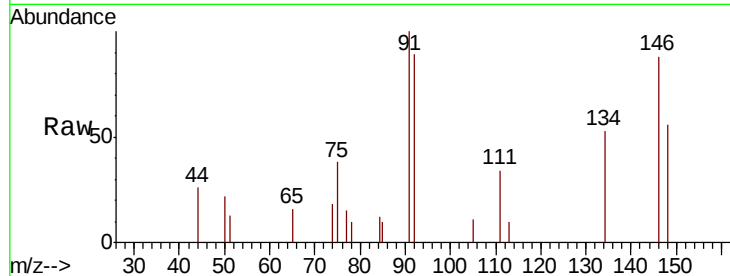




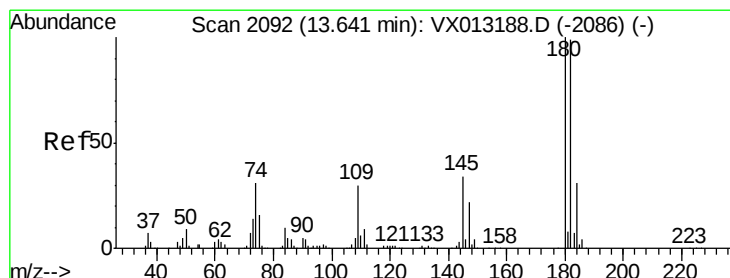
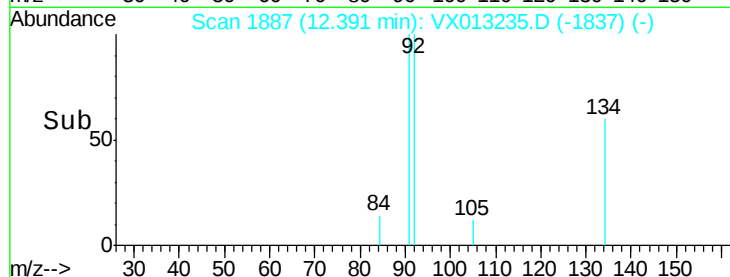
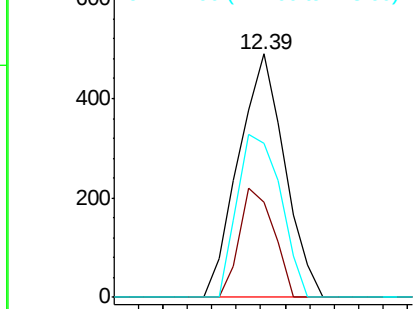
#91
 1,2-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion:146 Resp: 645
 Ion Ratio Lower Upper
 146 100
 111 33.0 22.9 68.8
 148 63.1 31.8 95.3

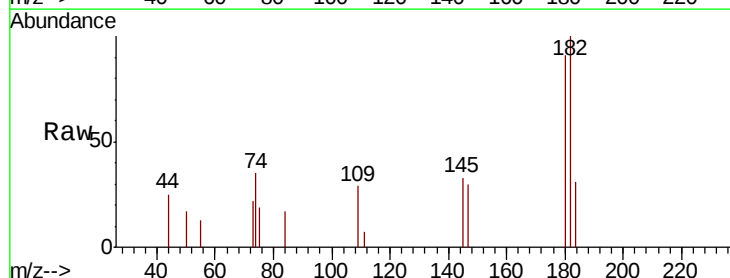


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

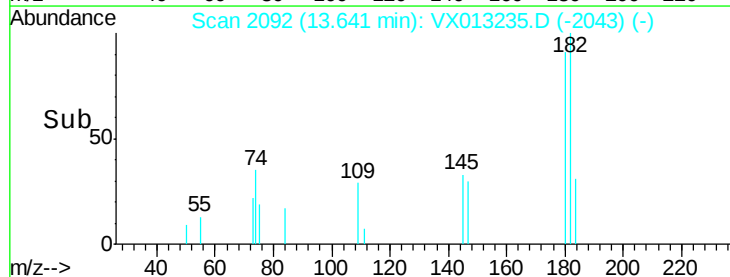
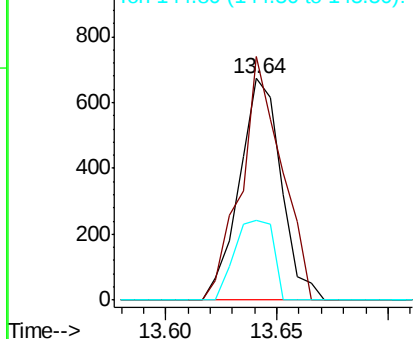


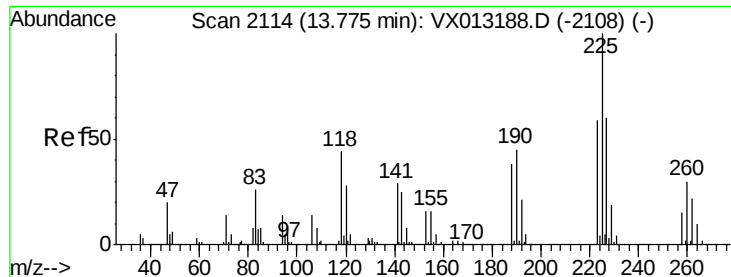
#93
 1,2,4-Trichlorobenzene
 Concen: 0.559 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Tgt Ion:180 Resp: 884
 Ion Ratio Lower Upper
 180 100
 182 106.0 45.9 137.6
 145 33.1 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.418 ug/l

RT: 13.79 min Scan# 2116

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

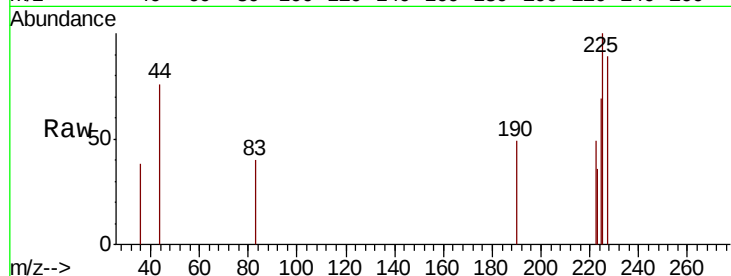
Tot Ion:225 Resp: 342

Ion Ratio Lower Upper

225 100

223 55.8 30.9 92.5

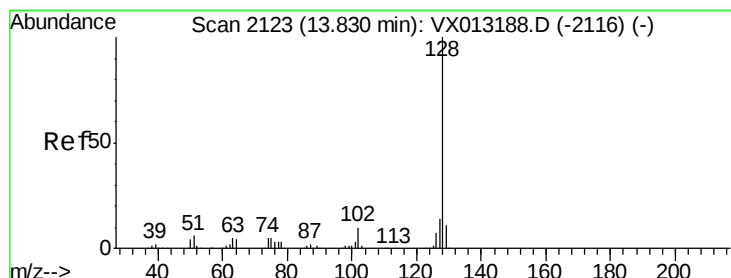
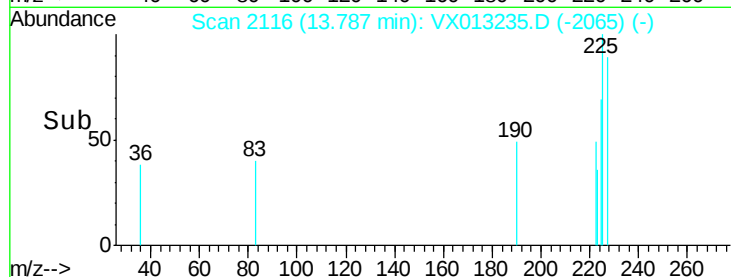
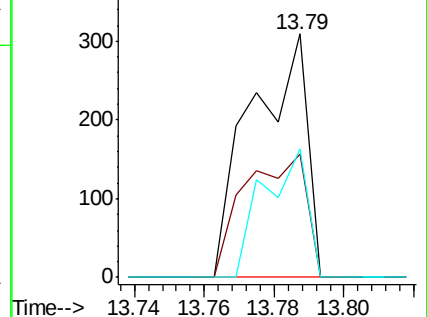
227 41.5 30.3 90.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.931 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

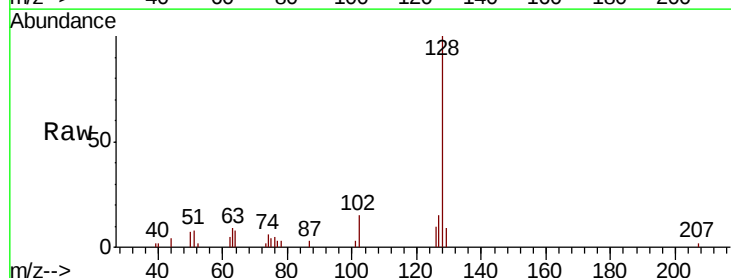
Tgt Ion:128 Resp: 4516

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

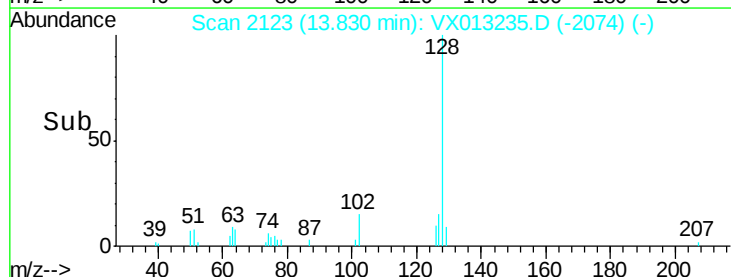
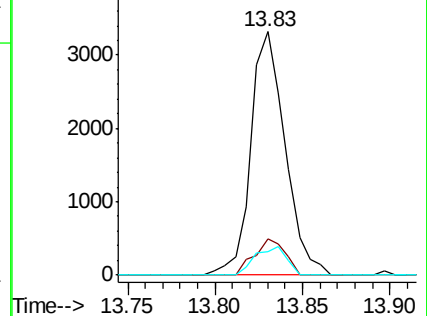
129 10.5 8.6 13.0

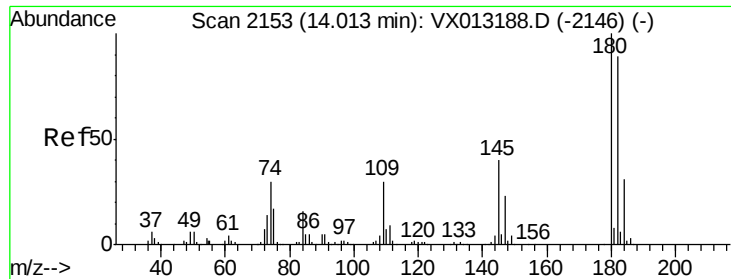


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

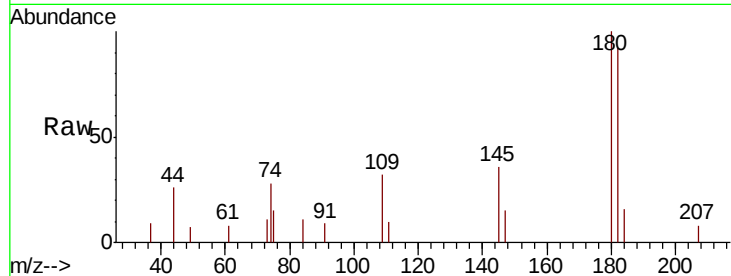




#96
 1,2,3-Trichlorobenzene
 Concen: 0.639 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.6	48.3	144.9
145	29.1	18.6	55.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

