

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010787.D
 Acq On : 10 Jul 2019 19:06
 Operator : JC/SP
 Sample : PB121247TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121247TB

Quant Time: Jul 11 01:18:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149711	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	110765	55.37	ug/l	0.00
Spiked Amount			Recovery	=	110.74%	
35) Dibromofluoromethane	5.50	113	106279	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.71	98	415904	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.13	95	140913	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	300	0.202	ug/l	88
3) Chloromethane	1.32	50	592	0.343	ug/l #	45
4) Vinyl Chloride	1.40	62	393	0.208	ug/l #	67
5) Bromomethane	1.65	94	939	1.019	ug/l	81
6) Chloroethane	1.73	64	456	0.409	ug/l #	62
9) 1,1,2-Trichlorotrifluoroet	2.38	101	392	0.216	ug/l	91
10) Methyl Iodide	2.51	142	1644	0.634	ug/l	94
11) Tert butyl alcohol	3.04	59	678	1.295	ug/l #	35
12) 1,1-Dichloroethene	2.38	96	451	0.244	ug/l	85
13) Acrolein	2.29	56	454	1.307	ug/l	90
15) Acrylonitrile	3.15	53	868	0.838	ug/l #	82
16) Acetone	2.45	43	13052	13.019	ug/l	98
17) Carbon Disulfide	2.57	76	2627	0.529	ug/l #	91
18) Methyl Acetate	2.78	43	1446	0.724	ug/l	95
20) Methylene Chloride	2.86	84	3971	1.925	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	643	0.323	ug/l #	60
25) 2-Butanone	4.68	43	3351	2.279	ug/l #	82
29) Tetrahydrofuran	5.16	42	1786	1.961	ug/l #	76
36) 1,1-Dichloropropene	5.80	75	647	0.239	ug/l #	83
38) Carbon Tetrachloride	5.67	117	20555	7.023	ug/l #	14
43) Isopropyl Acetate	6.45	43	13310	2.893	ug/l	99
48) Methyl methacrylate	7.68	41	5999	2.805	ug/l #	10
49) 1,4-Dioxane	7.74	88	20	0.325	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	67044	22.786	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	34649	10.171	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	8394	2.364	ug/l #	43
59) 2-Hexanone	9.44	43	9710	4.193	ug/l #	22
68) m/p-Xylenes	10.36	106	984	0.229	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	69455	25.459	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	8098	0.968	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	69455	59.393	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2014	0.266	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1136	0.230	ug/l	92
88) 1,4-Dichlorobenzene	12.02	146	1136	0.226	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
Data File : VX010787.D
Acq On : 10 Jul 2019 19:06
Operator : JC/SP
Sample : PB121247TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121247TB

Quant Time: Jul 11 01:18:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

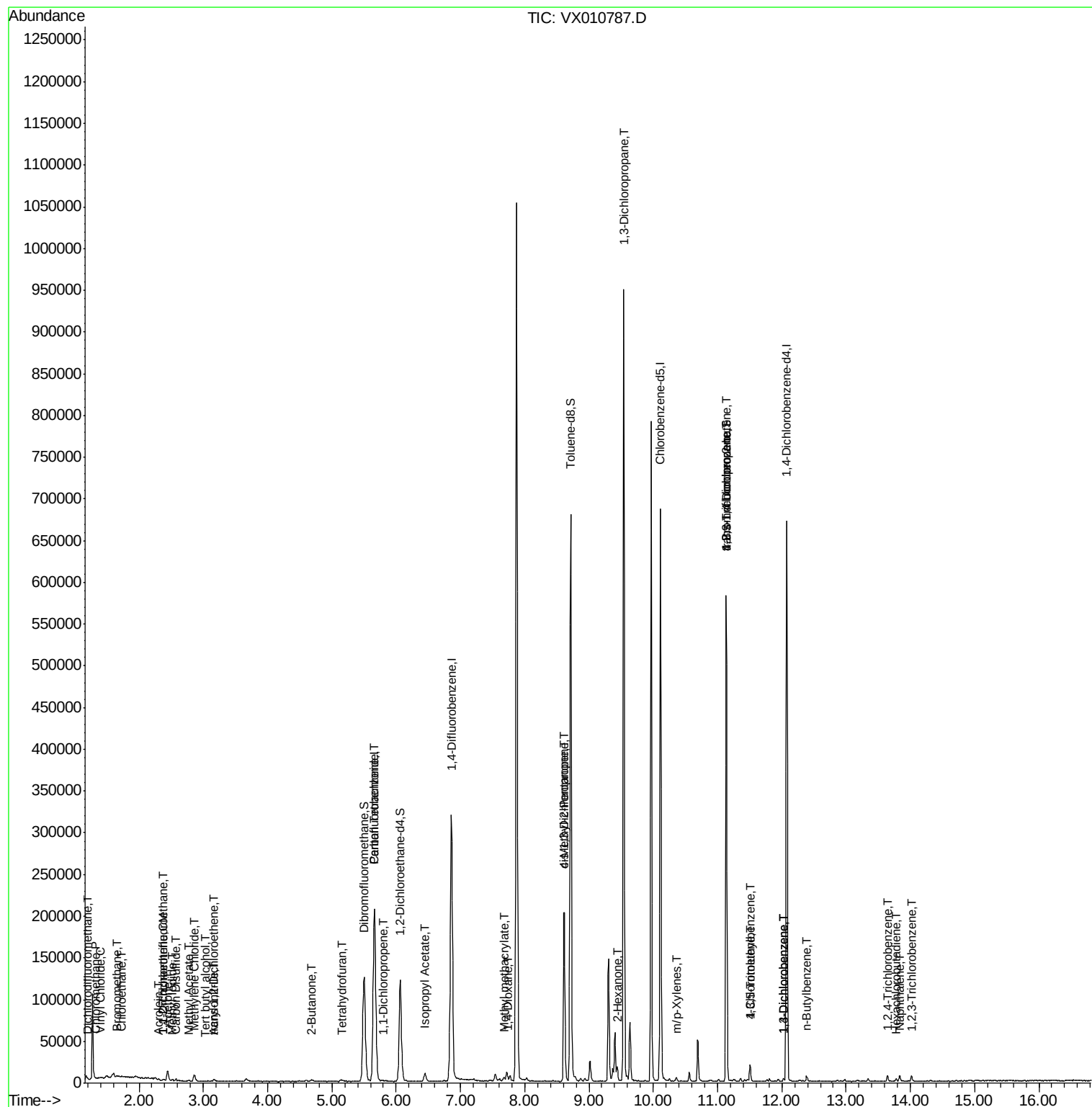
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	1777	0.229	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	1688	0.495	ug/l	97
94) Hexachlorobutadiene	13.79	225	459	0.275	ug/l	96
95) Naphthalene	13.83	128	3976	0.379	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	1491	0.440	ug/l	95

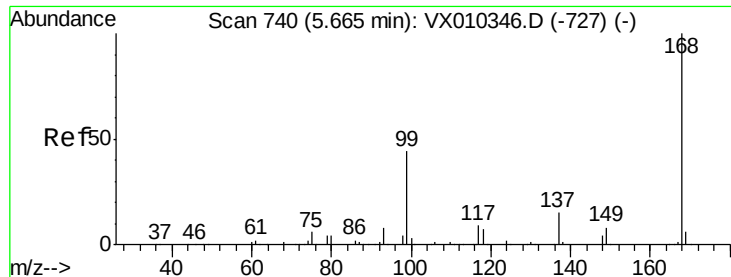
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
Data File : VX010787.D
Acq On : 10 Jul 2019 19:06
Operator : JC/SP
Sample : PB121247TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121247TB

Quant Time: Jul 11 01:18:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

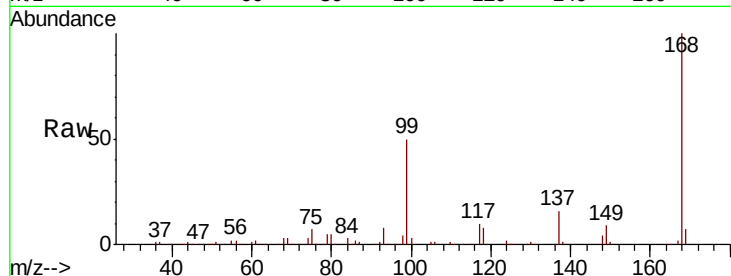
PB121247TB

Tot Ion:168 Resp: 213350

Ion Ratio Lower Upper

168 100

99 49.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

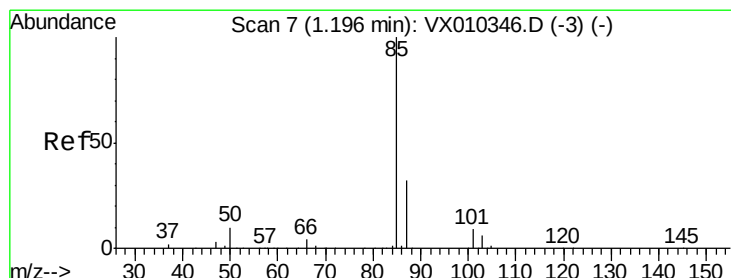
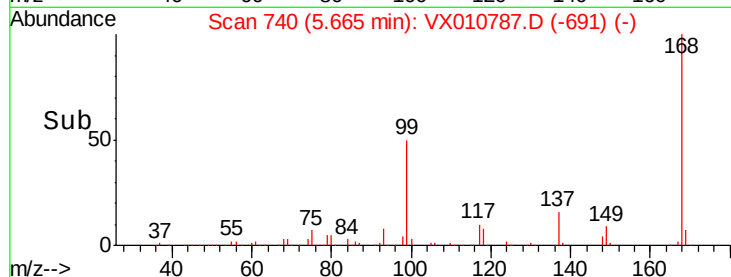
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.202 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010787.D

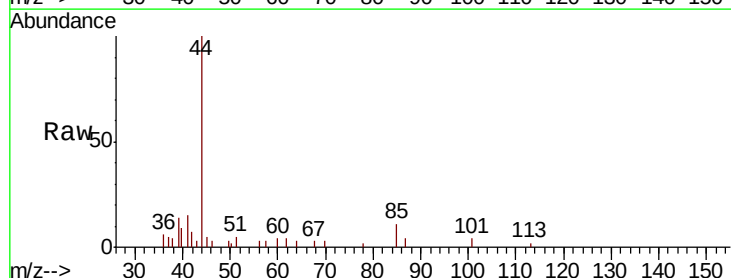
Acq: 10 Jul 2019 19:06

Tgt Ion: 85 Resp: 300

Ion Ratio Lower Upper

85 100

87 39.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

250

200

150

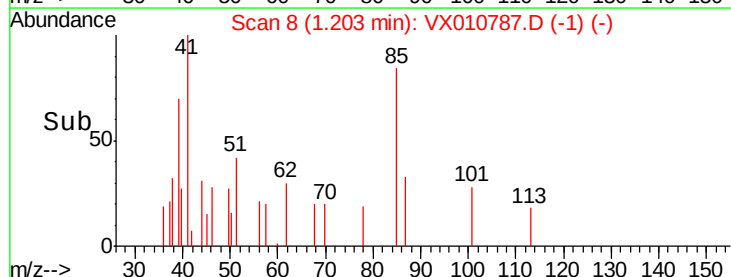
100

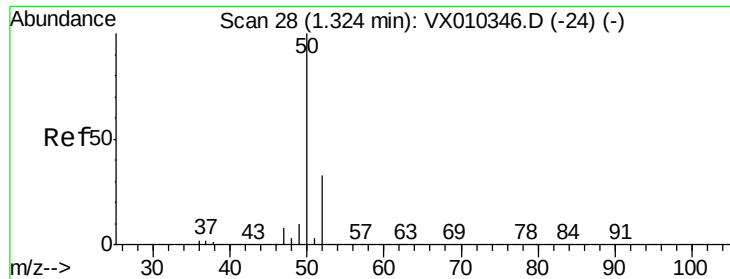
50

0

Time-->

1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.343 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

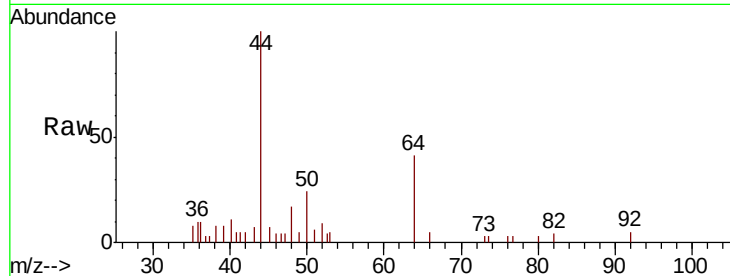
PB121247TB

Tot Ion: 50 Resp: 592

Ion Ratio Lower Upper

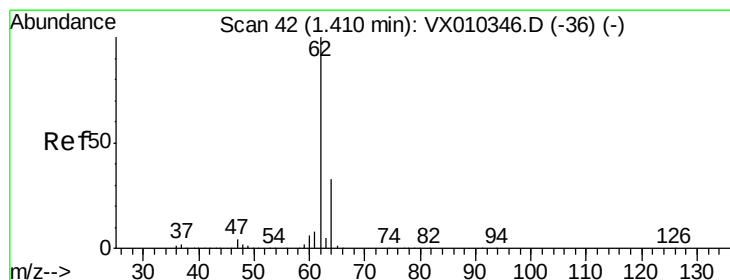
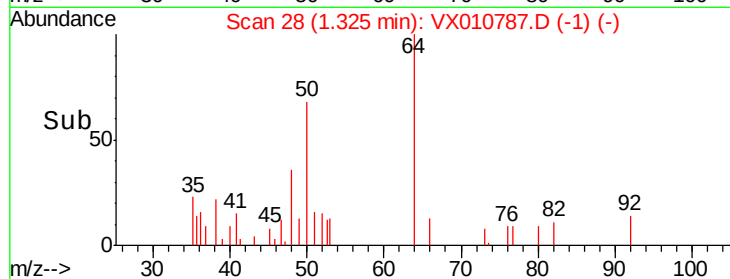
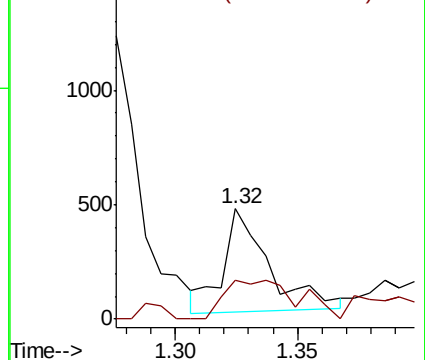
50 100

52 64.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.208 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010787.D

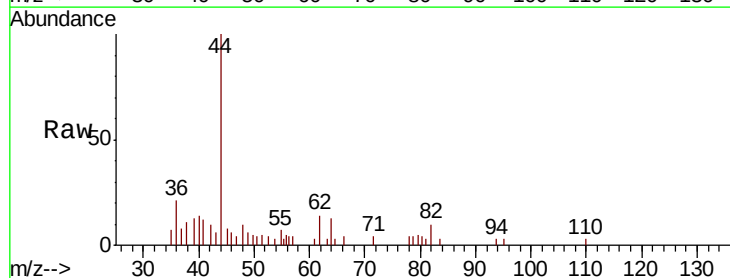
Acq: 10 Jul 2019 19:06

Tgt Ion: 62 Resp: 393

Ion Ratio Lower Upper

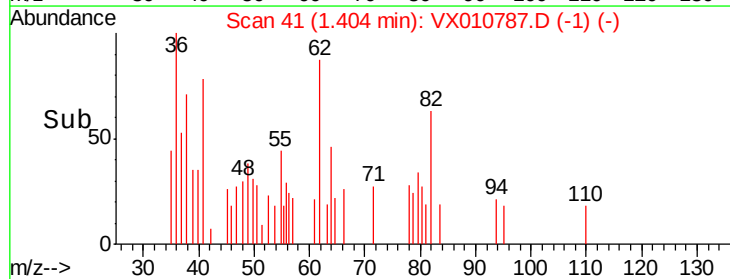
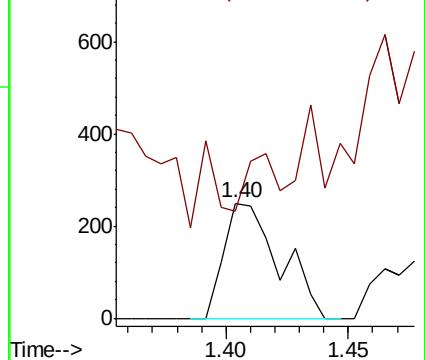
62 100

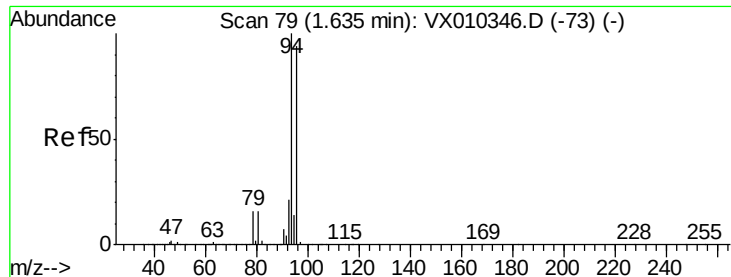
64 14.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.019 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

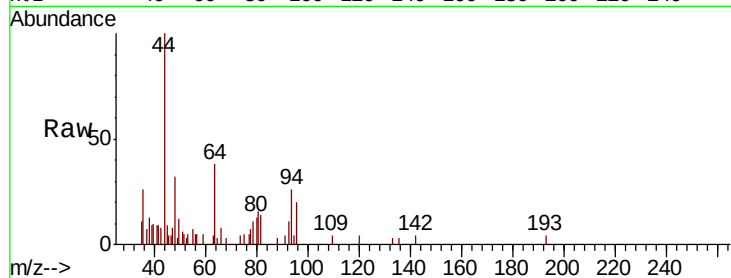
PB121247TB

Tot Ion: 94 Resp: 939

Ion Ratio Lower Upper

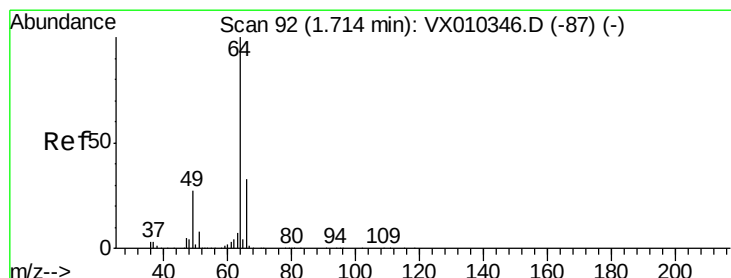
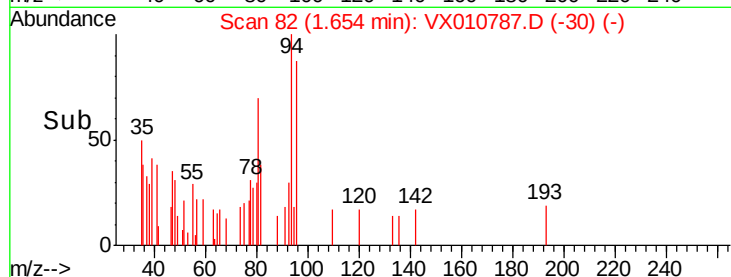
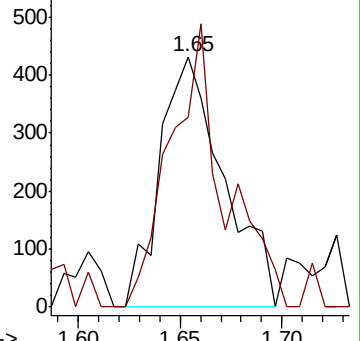
94 100

96 75.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.409 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010787.D

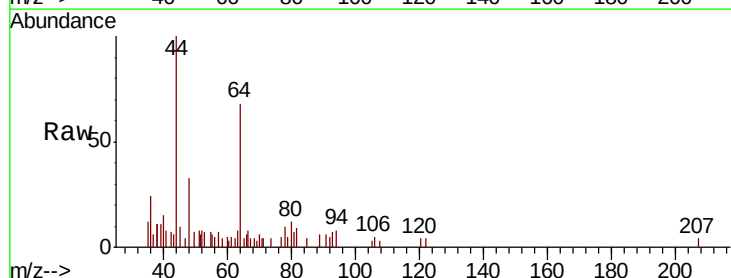
Acq: 10 Jul 2019 19:06

Tgt Ion: 64 Resp: 456

Ion Ratio Lower Upper

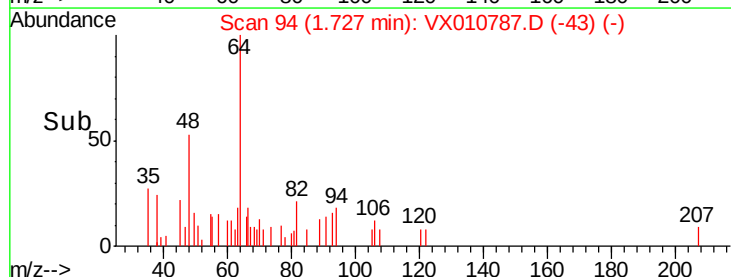
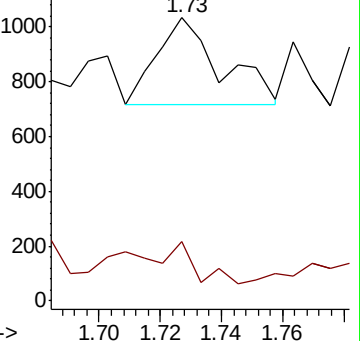
64 100

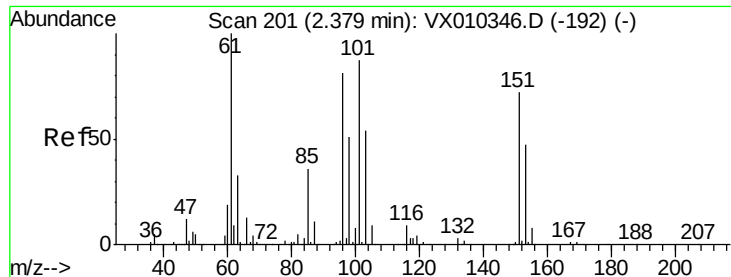
66 11.5 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.216 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

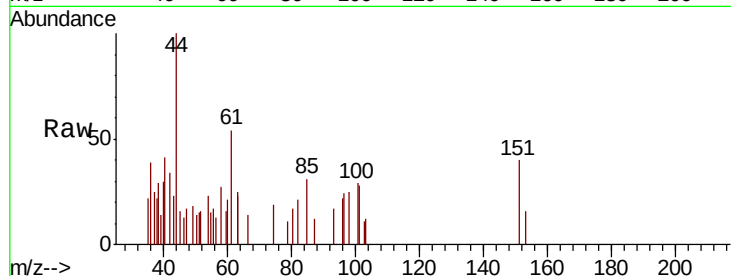
Tot Ion:101 Resp: 392

Ion Ratio Lower Upper

101 100

85 36.0 33.7 50.5

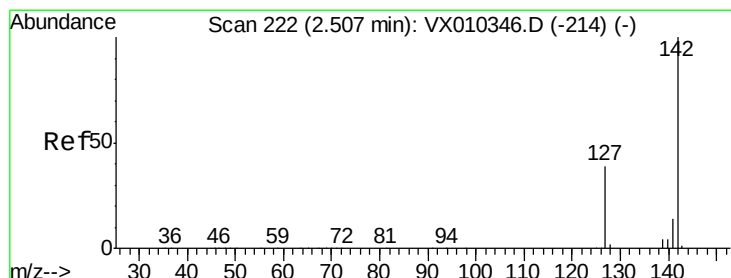
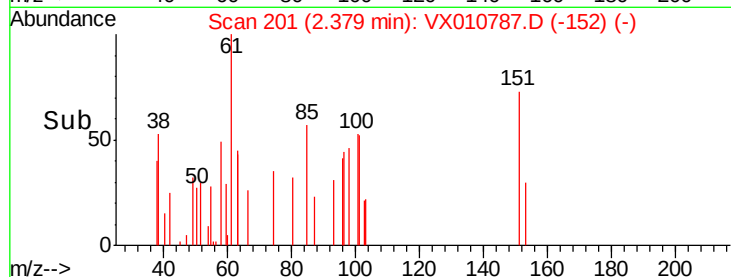
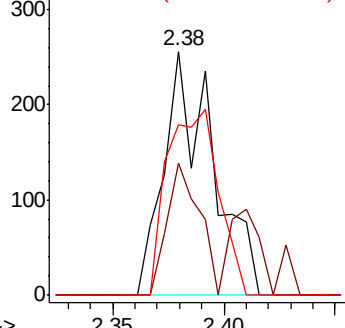
151 79.6 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.634 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

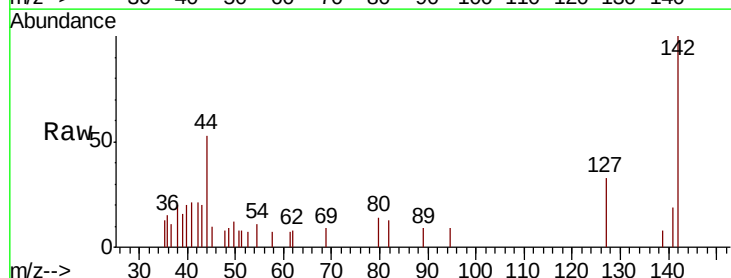
Tgt Ion:142 Resp: 1644

Ion Ratio Lower Upper

142 100

127 42.3 31.1 46.7

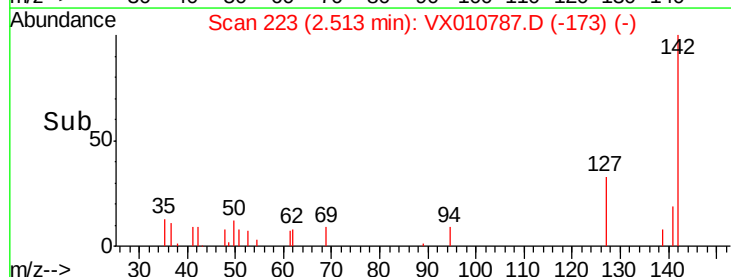
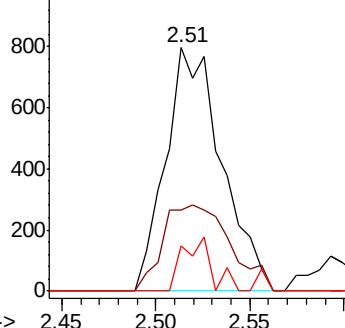
141 11.5 11.2 16.8

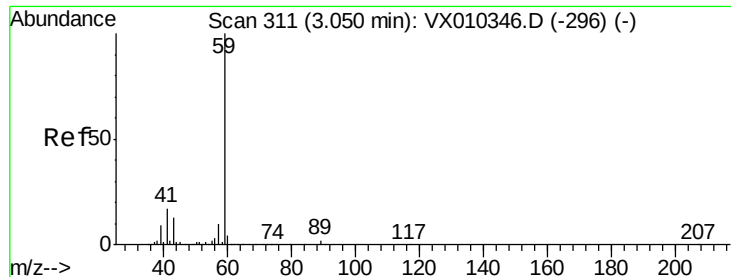


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

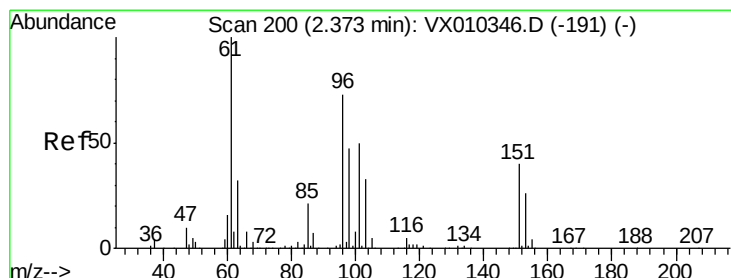
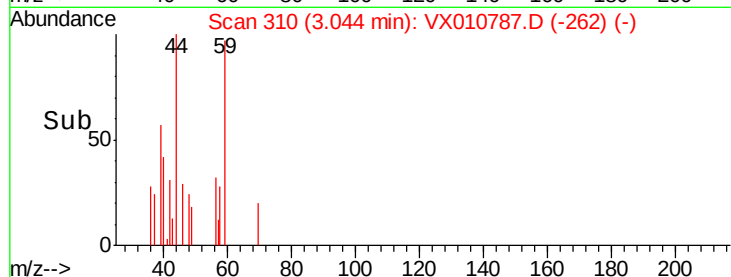
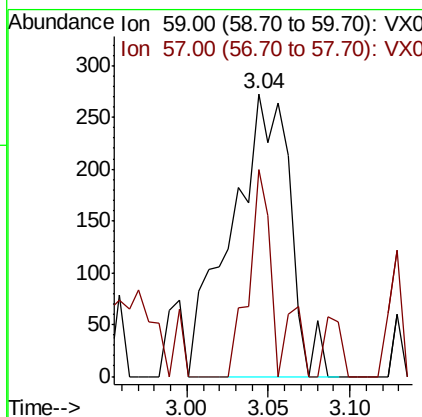
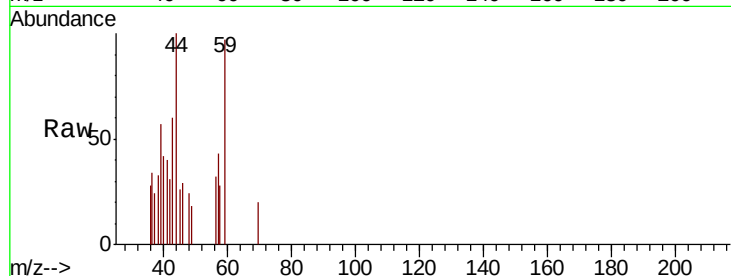




#11
Tert butyl alcohol
Concen: 1.295 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

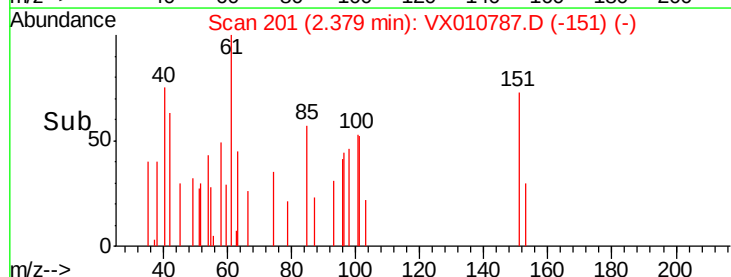
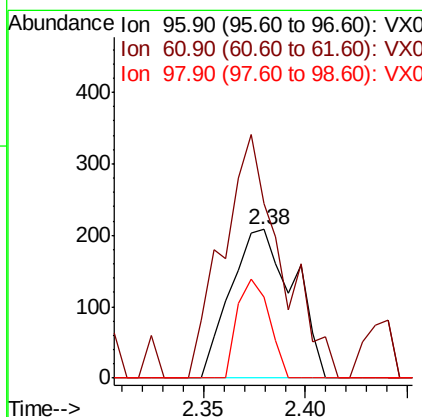
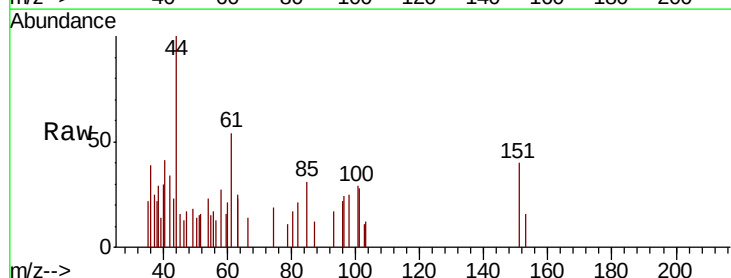
Instrument :
MSVOA_X
ClientSampled :
PB121247TB

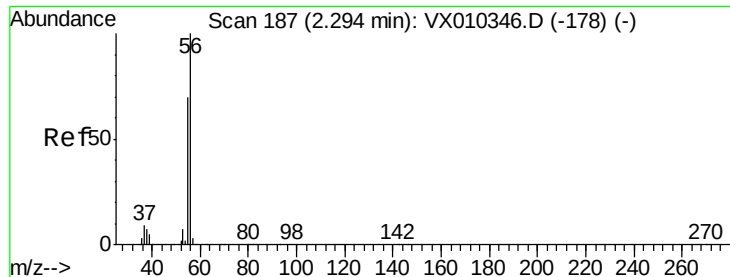
Tot Ion: 59 Resp: 678
Ion Ratio Lower Upper
59 100
57 33.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 0.244 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 117.3 109.2 163.8
98 54.3 51.1 76.7





#13

Acrolein

Concen: 1.307 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

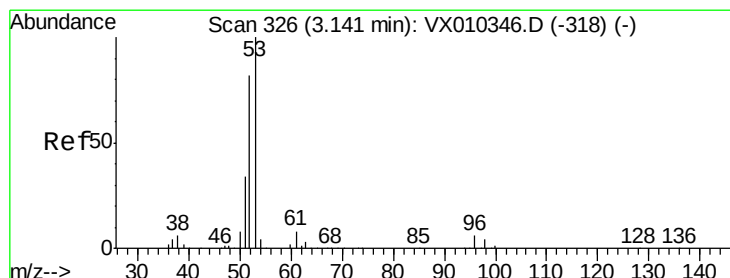
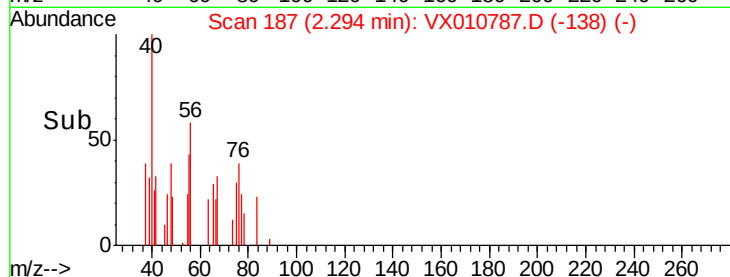
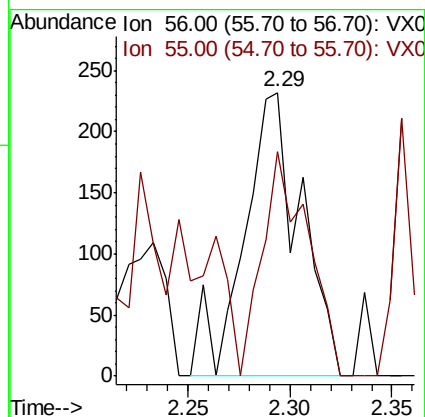
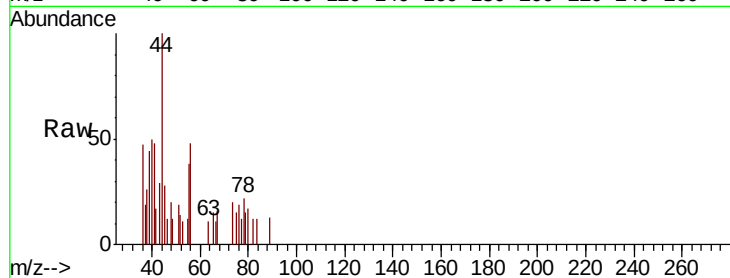
PB121247TB

Tot Ion: 56 Resp: 454

Ion Ratio Lower Upper

56 100

55 63.2 56.9 85.3



#15

Acrylonitrile

Concen: 0.838 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

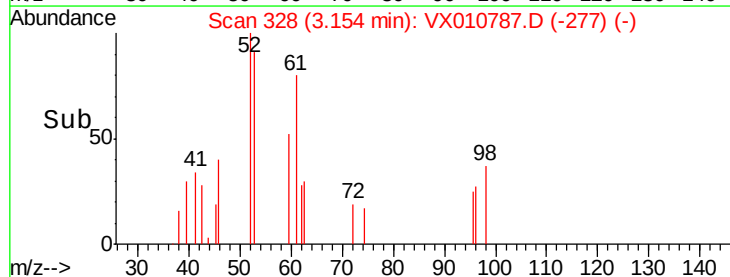
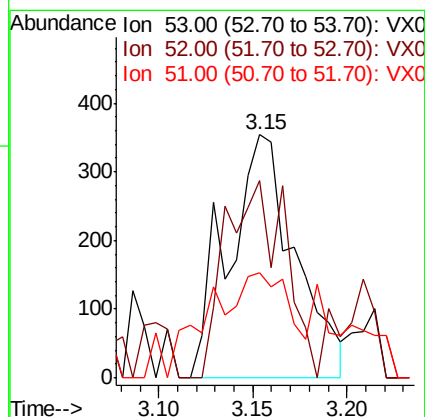
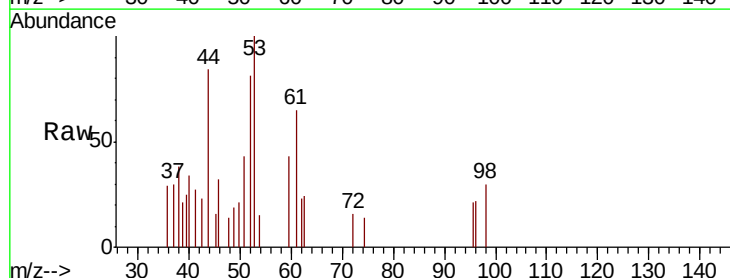
Tgt Ion: 53 Resp: 868

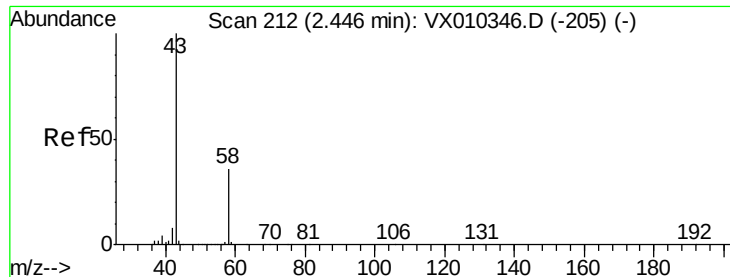
Ion Ratio Lower Upper

53 100

52 72.7 65.5 98.3

51 55.6 28.2 42.4#





#16

Acetone

Concen: 13.019 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

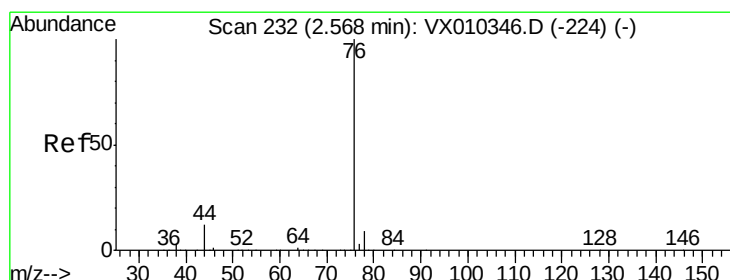
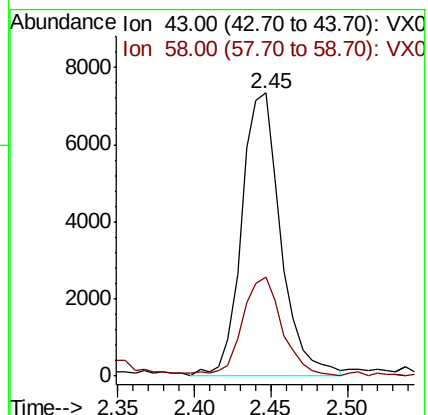
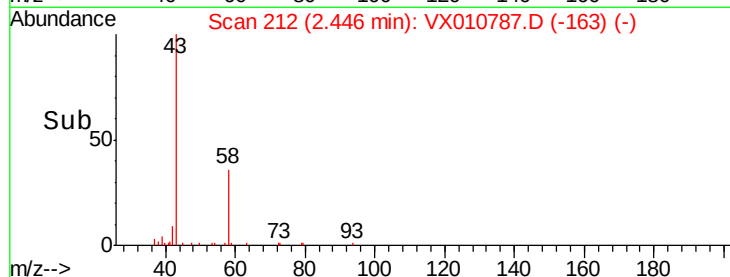
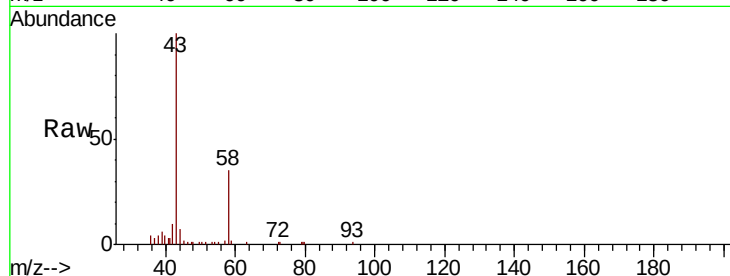
PB121247TB

Tot Ion: 43 Resp: 13052

Ion Ratio Lower Upper

43 100

58 35.0 28.9 43.3



#17

Carbon Disulfide

Concen: 0.529 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010787.D

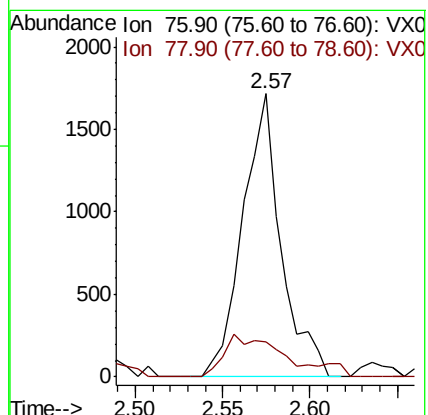
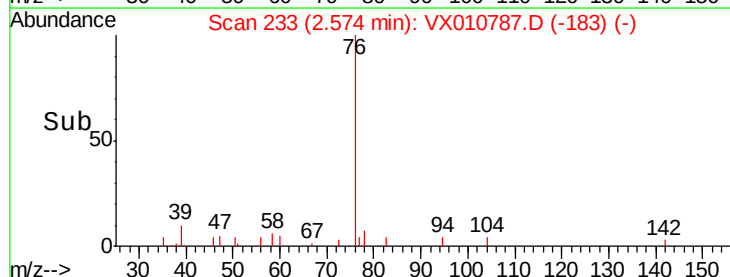
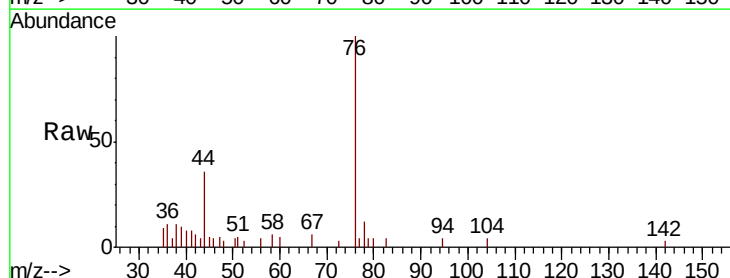
Acq: 10 Jul 2019 19:06

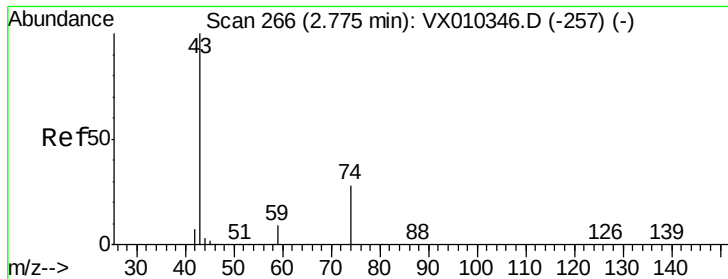
Tgt Ion: 76 Resp: 2627

Ion Ratio Lower Upper

76 100

78 12.2 7.3 10.9#

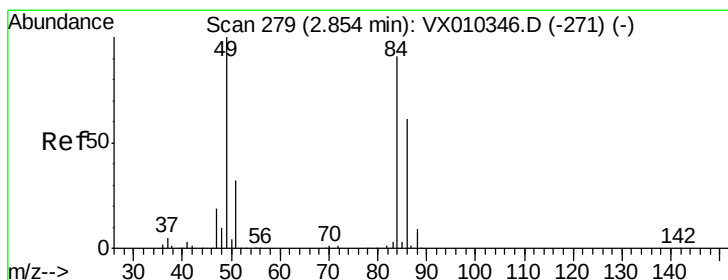
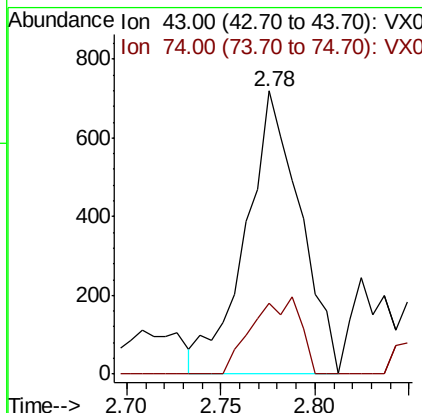
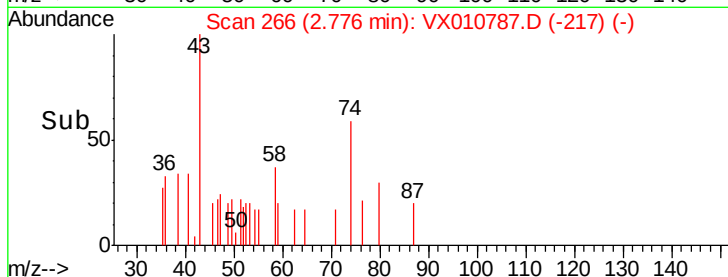
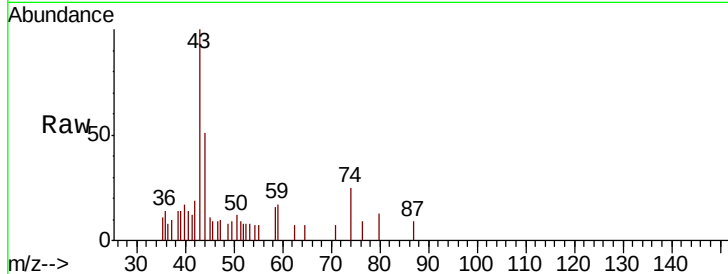




#18
Methvl Acetate
Concen: 0.724 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

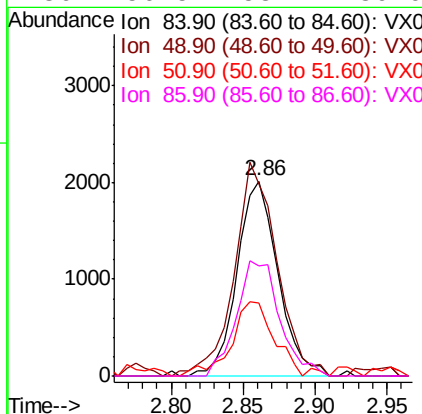
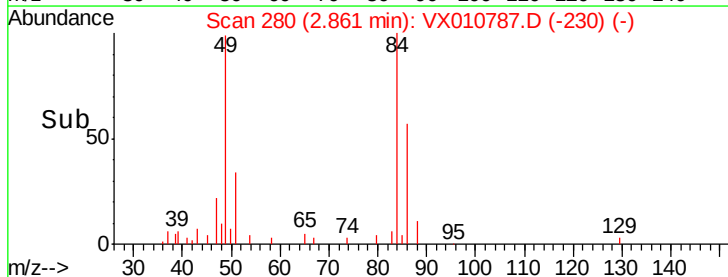
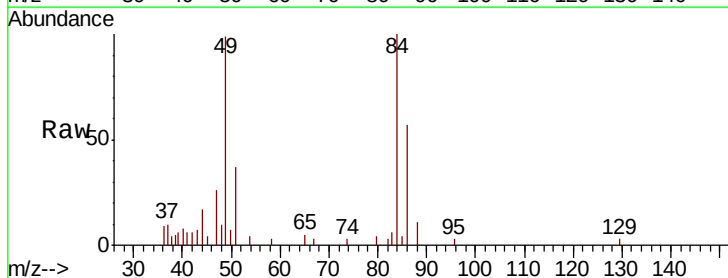
Instrument :
MSVOA_X
ClientSampleId :
PB121247TB

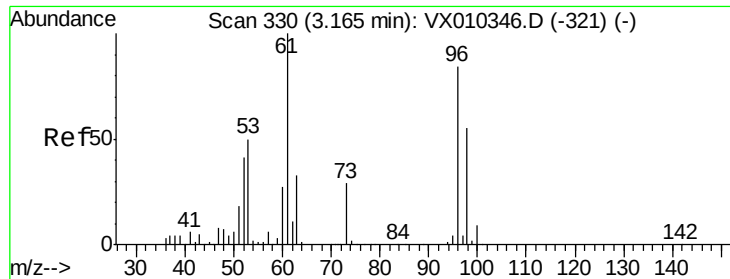
Tot Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
74 23.9 21.3 31.9



#20
Methylene Chloride
Concen: 1.925 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 84 Resp: 3971
Ion Ratio Lower Upper
84 100
49 98.6 87.5 131.3
51 34.5 27.7 41.5
86 56.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 0.323 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

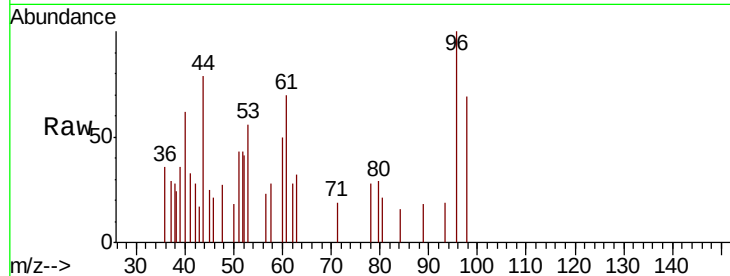
Tot Ion: 96 Resp: 643

Ion Ratio Lower Upper

96 100

61 53.6 95.6 143.4#

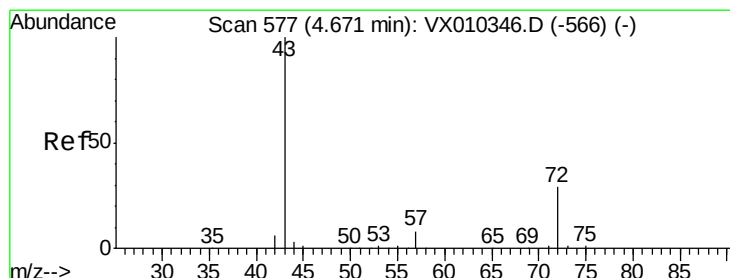
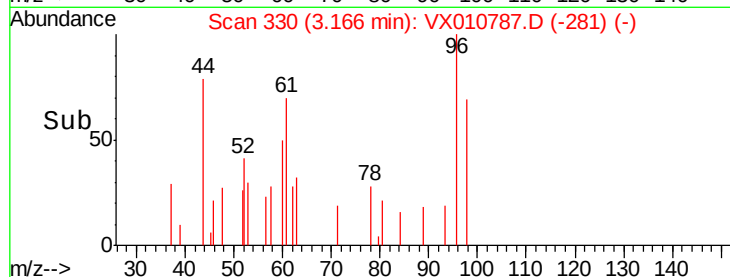
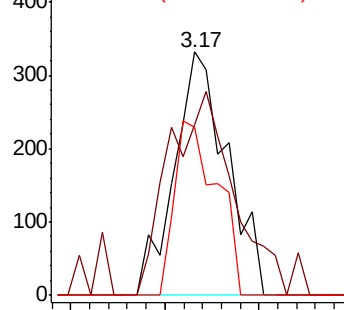
98 69.3 52.5 78.7



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



#25

2-Butanone

Concen: 2.279 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010787.D

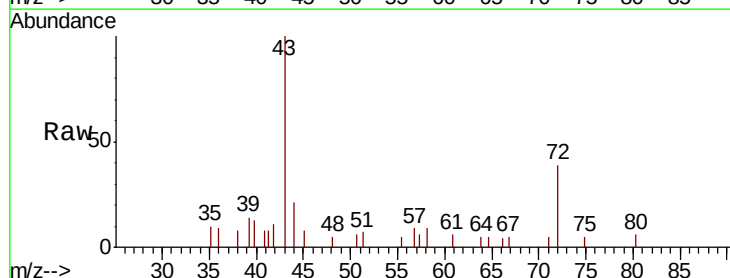
Acq: 10 Jul 2019 19:06

Tgt Ion: 43 Resp: 3351

Ion Ratio Lower Upper

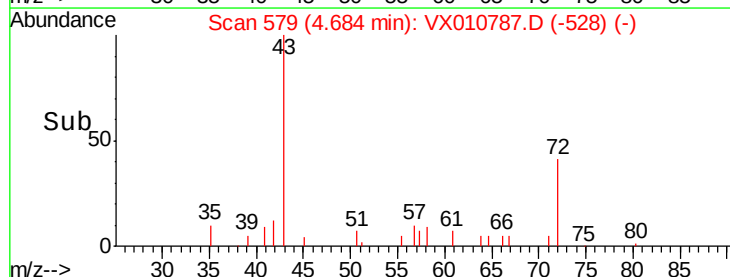
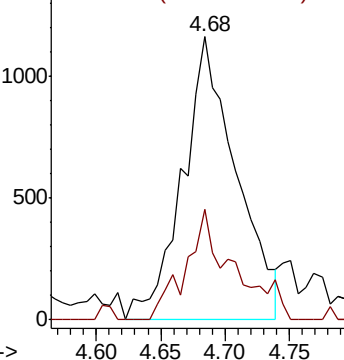
43 100

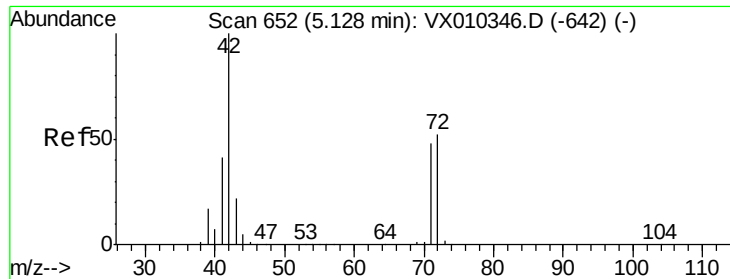
72 38.9 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

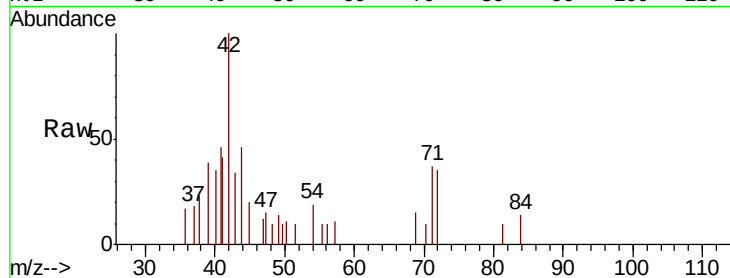




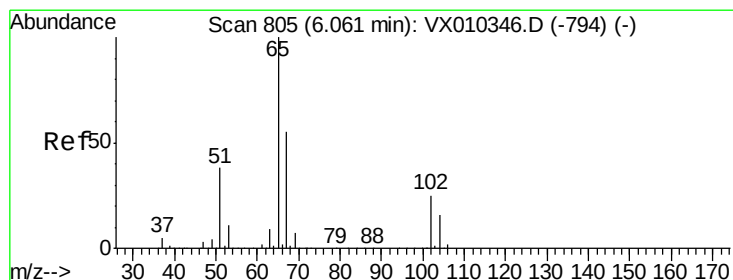
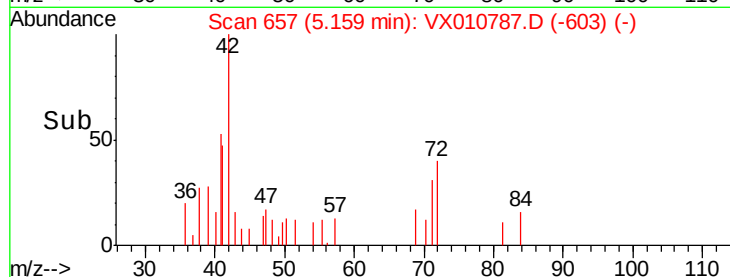
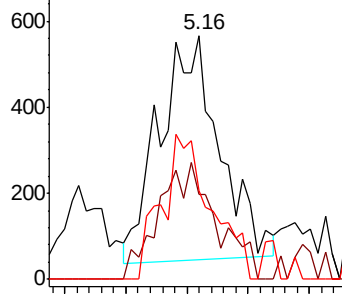
#29
Tetrahydrofuran
Concen: 1.961 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.03 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Instrument :
MSVOA_X
ClientSampleId :
PB121247TB

Tot Ion: 42 Resp: 1786
Ion Ratio Lower Upper
42 100
72 23.8 40.6 60.8#
71 53.1 37.8 56.8

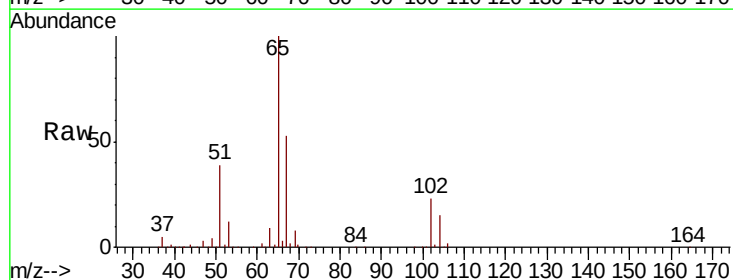


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

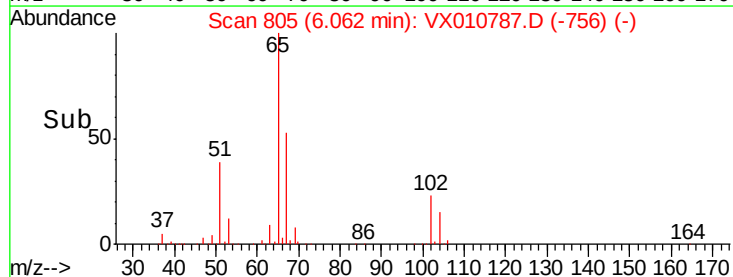
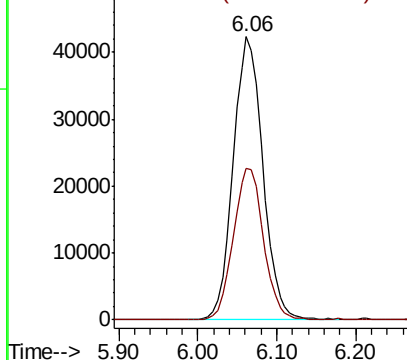


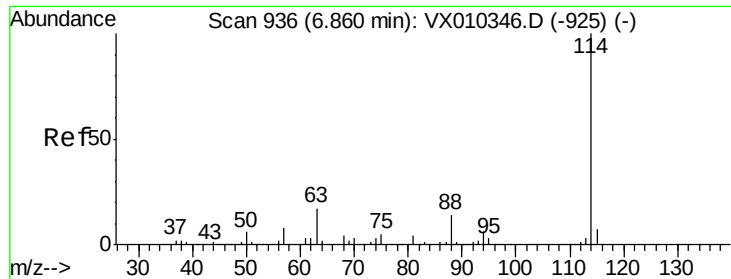
#33
1,2-Dichloroethane-d4
Concen: 55.372 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 65 Resp: 110765
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

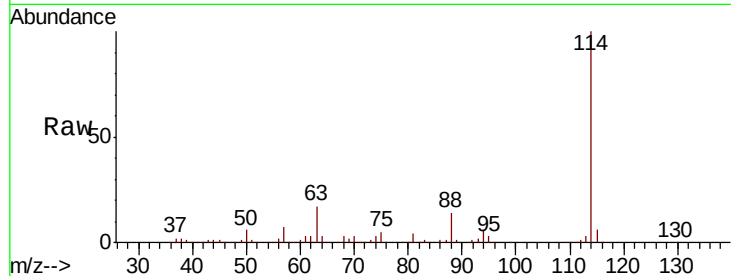




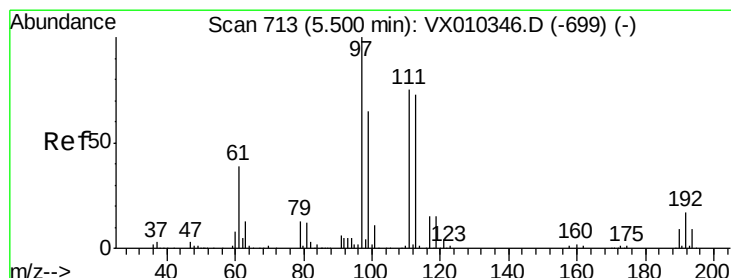
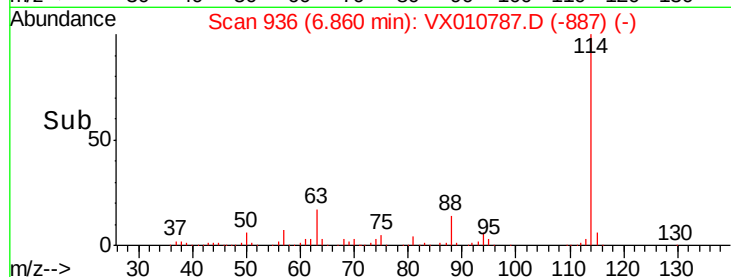
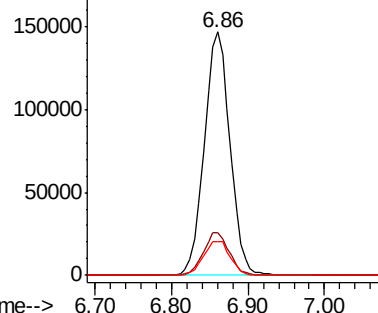
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010787.D
 Acq: 10 Jul 2019 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121247TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	14.1	0.0	27.6

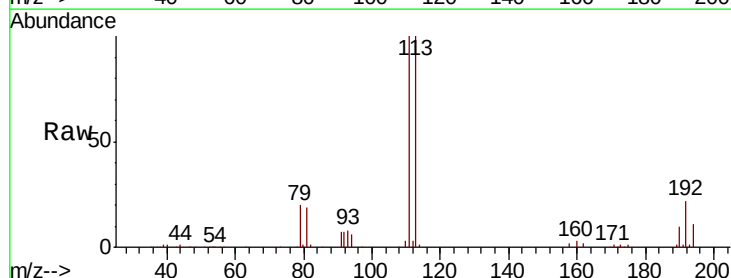


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

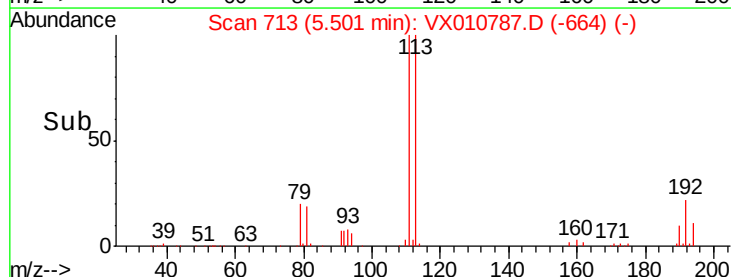
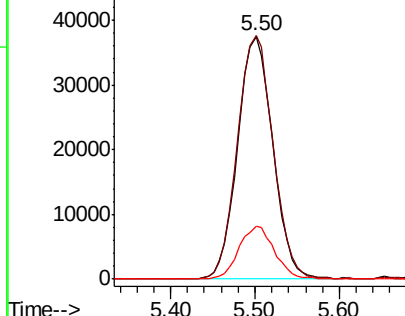


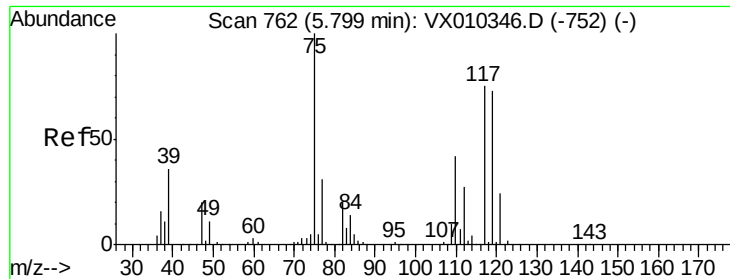
#35
 Dibromofluoromethane
 Concen: 51.070 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010787.D
 Acq: 10 Jul 2019 19:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	21.9	18.6	27.8



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





#36

1,1-Dichloropropene

Concen: 0.239 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

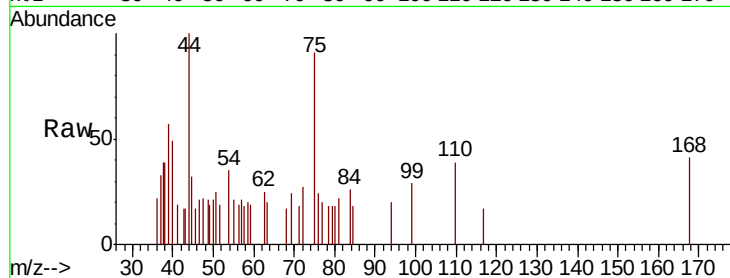
Tot Ion: 75 Resp: 647

Ion Ratio Lower Upper

75 100

110 31.1 20.8 62.2

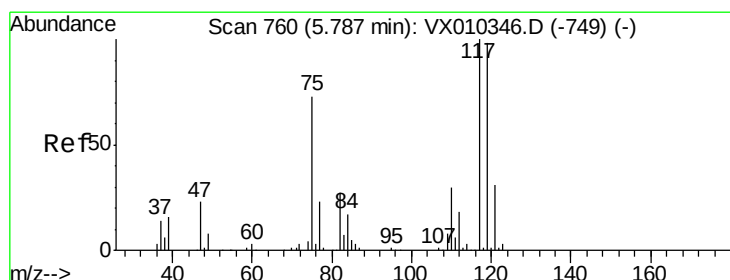
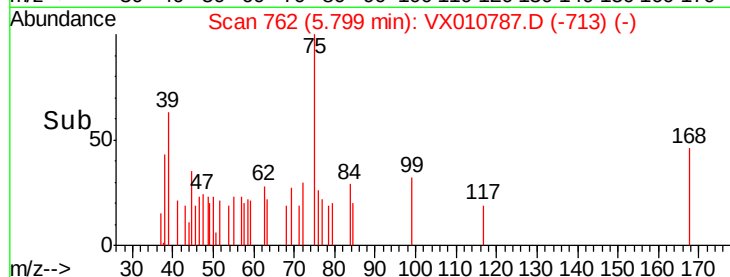
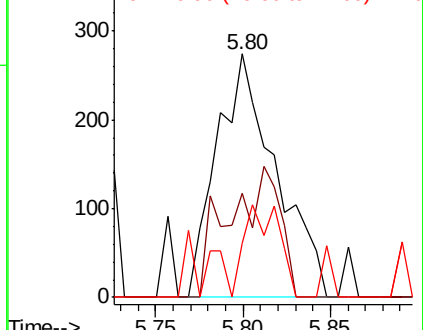
77 22.3 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 7.023 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

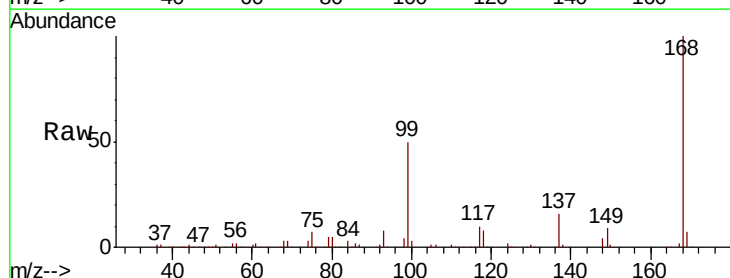
Tgt Ion: 117 Resp: 20555

Ion Ratio Lower Upper

117 100

119 4.0 78.2 117.4#

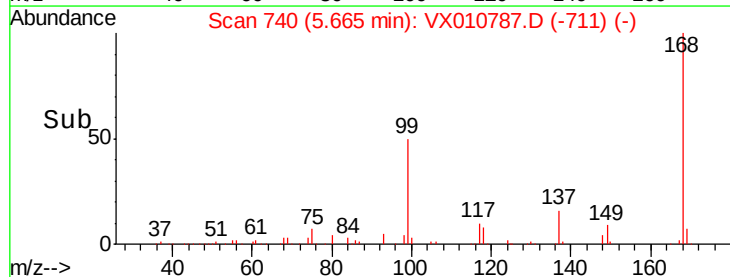
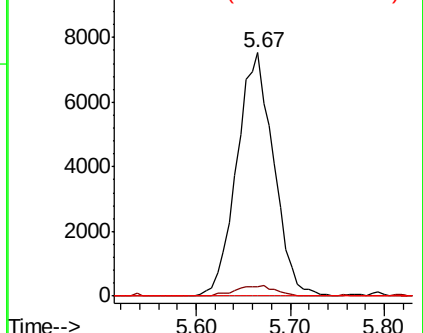
121 0.0 24.7 37.1#

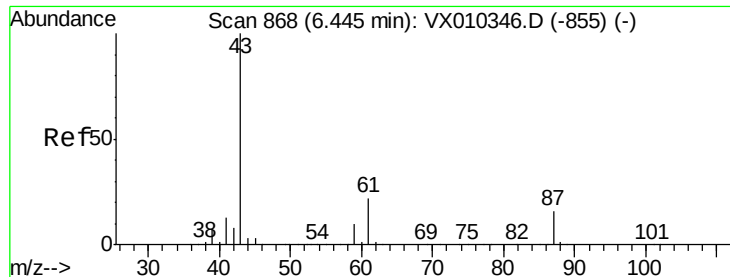


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.893 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

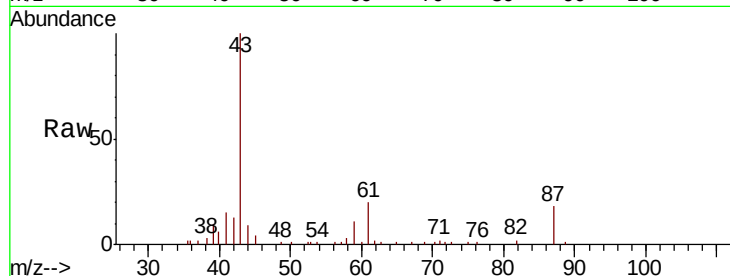
Tot Ion: 43 Resp: 13310

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

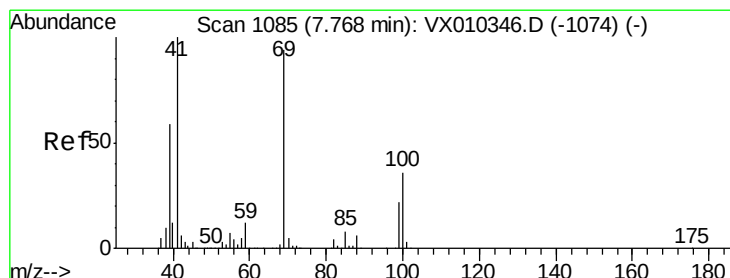
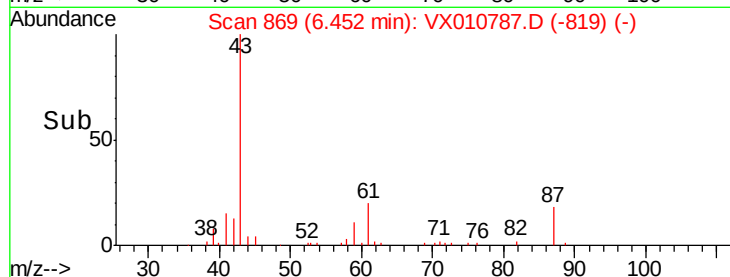
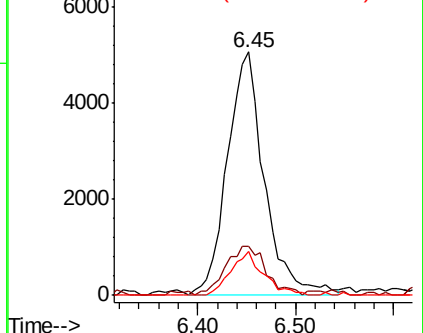
87 15.8 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.805 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

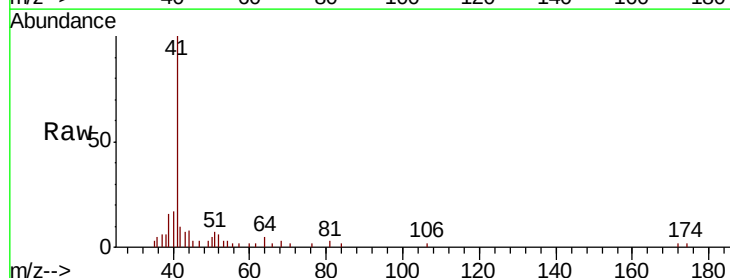
Tgt Ion: 41 Resp: 5999

Ion Ratio Lower Upper

41 100

69 0.5 76.1 114.1#

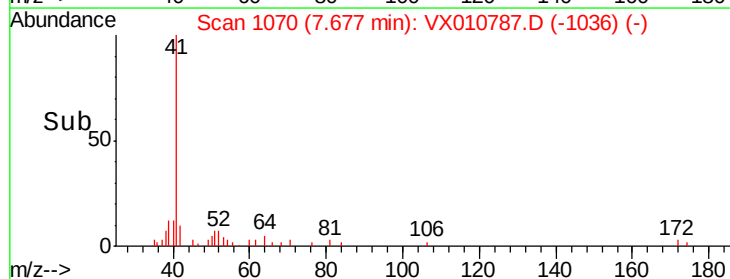
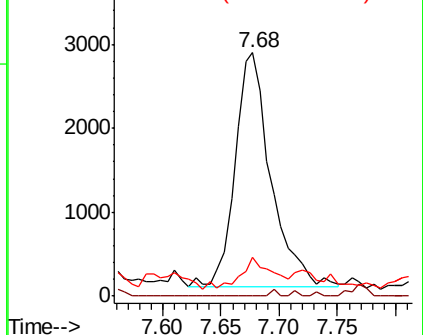
39 0.0 47.6 71.4#

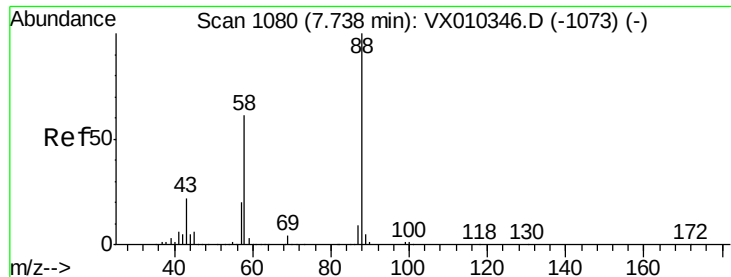


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

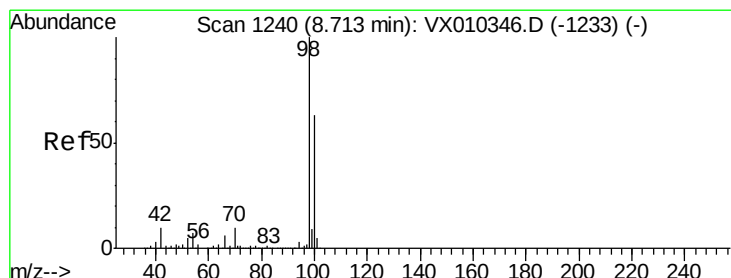
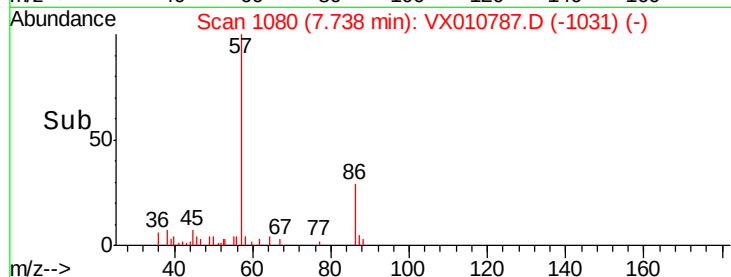
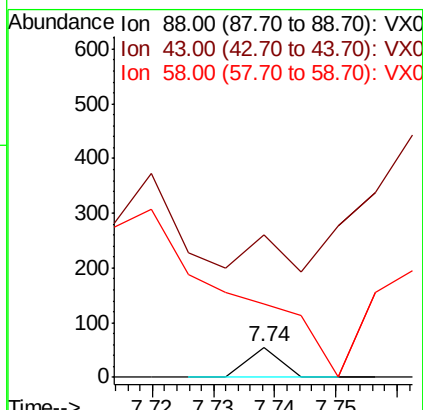
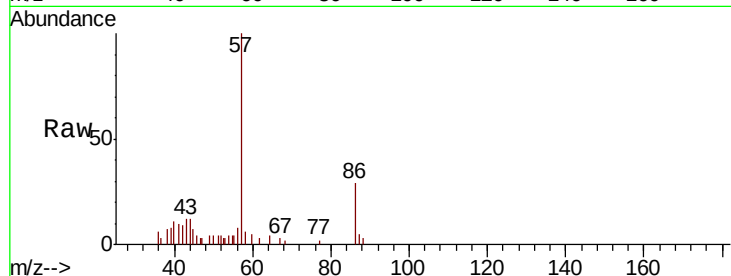




#49
1,4-Dioxane
Concen: 0.325 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

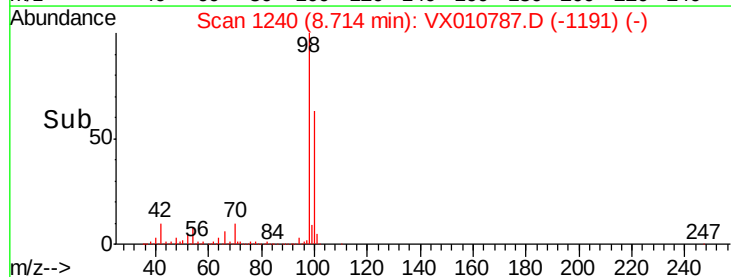
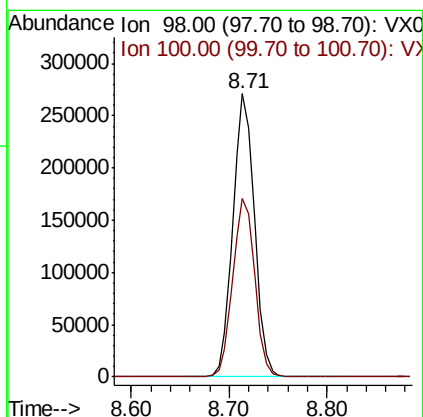
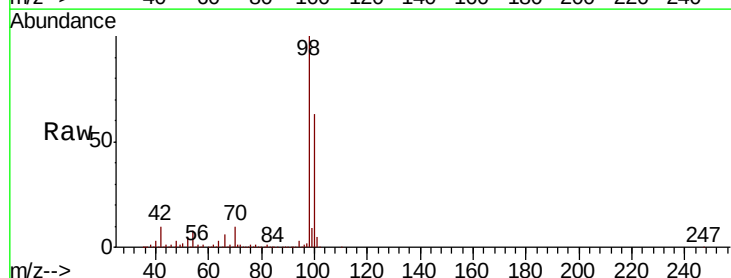
Instrument :
MSVOA_X
ClientSampled :
PB121247TB

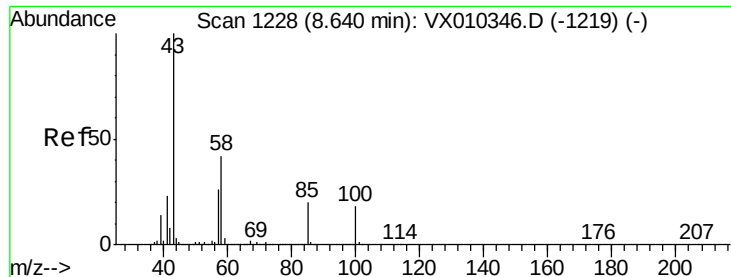
Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 3280.0 49.5 74.3#



#50
Toluene-d8
Concen: 52.238 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 98 Resp: 415904
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 22.786 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

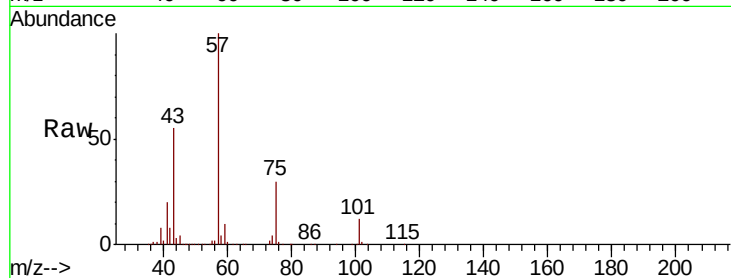
PB121247TB

Tot Ion: 43 Resp: 67044

Ion Ratio Lower Upper

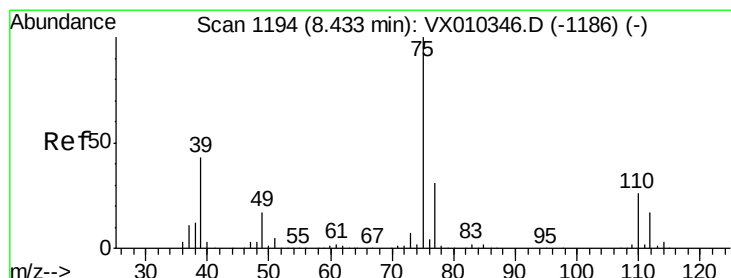
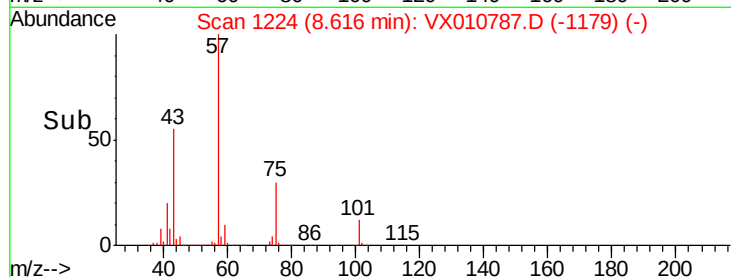
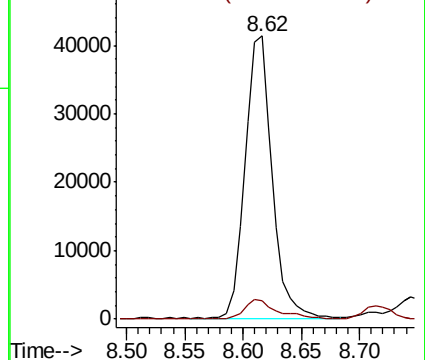
43 100

58 8.7 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 10.171 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

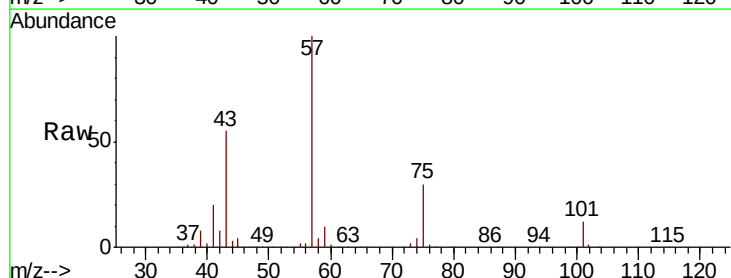
Tgt Ion: 75 Resp: 34649

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

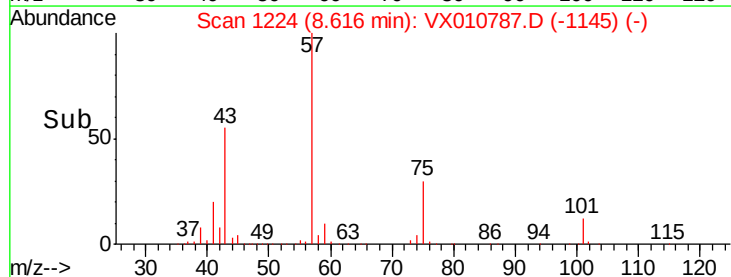
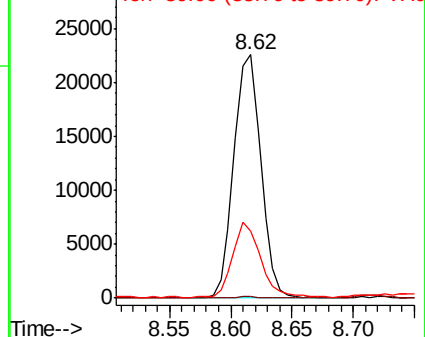
39 27.3 34.5 51.7#

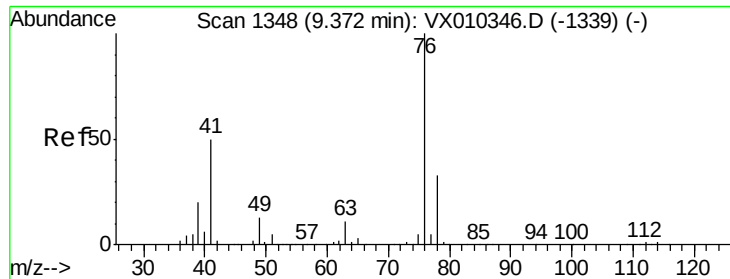


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.364 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

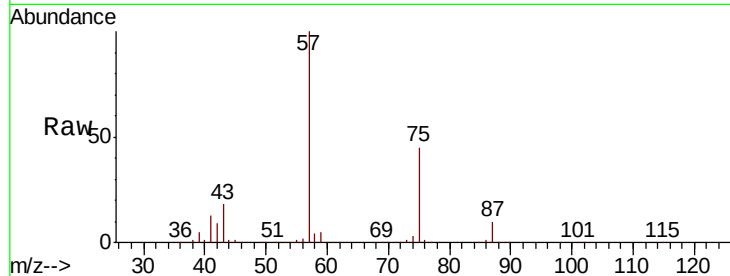
PB121247TB

Tot Ion: 76 Resp: 8394

Ion Ratio Lower Upper

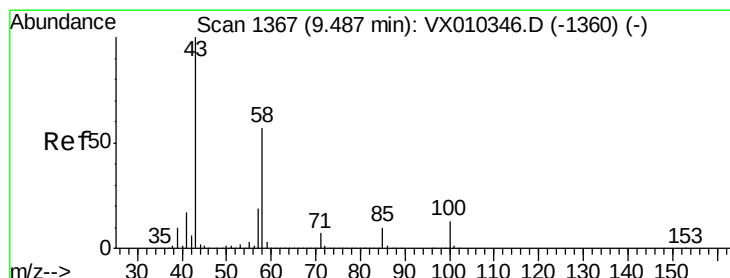
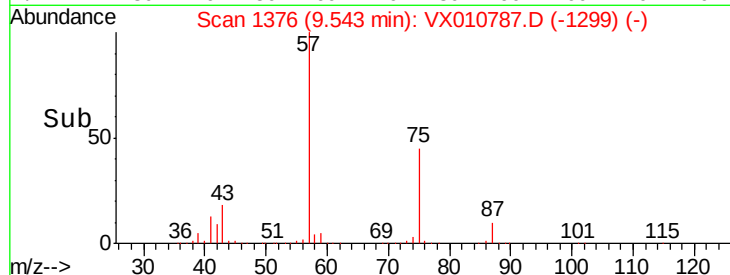
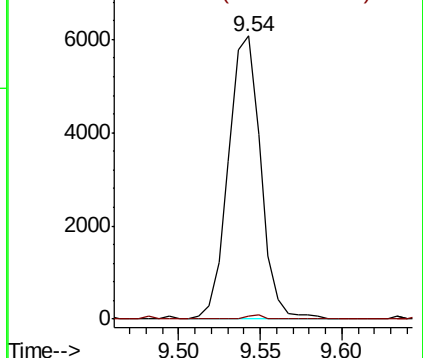
76 100

78 0.7 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 4.193 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX010787.D

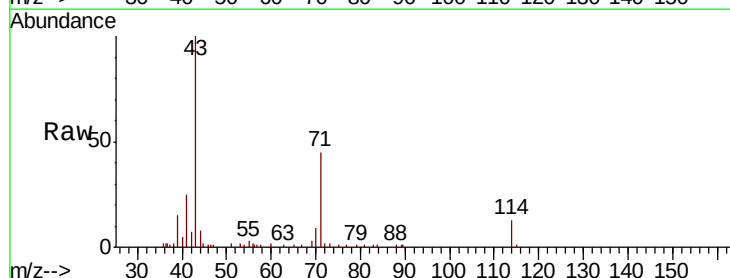
Acq: 10 Jul 2019 19:06

Tgt Ion: 43 Resp: 9710

Ion Ratio Lower Upper

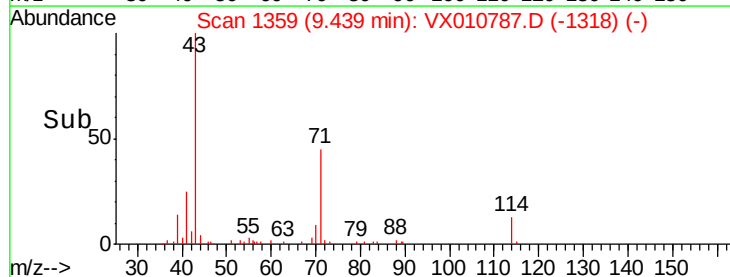
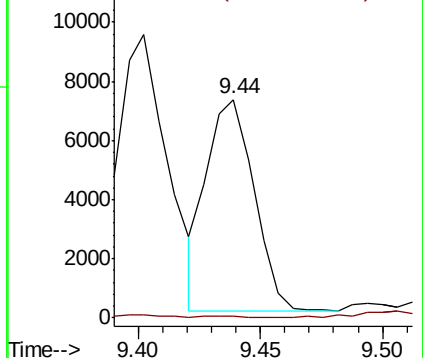
43 100

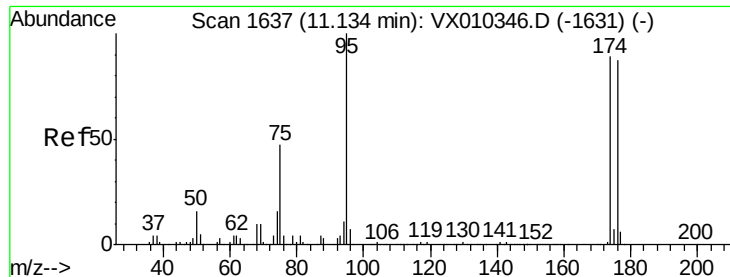
58 0.0 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

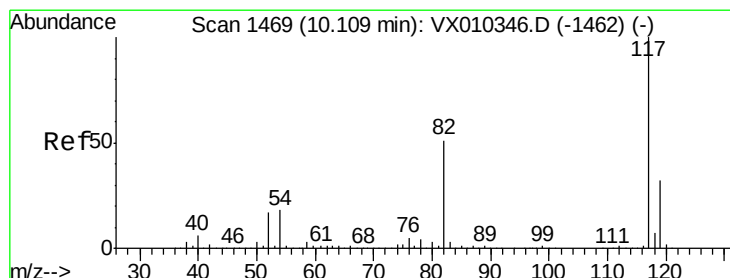
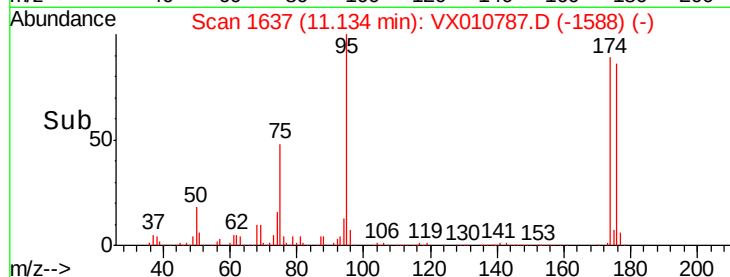
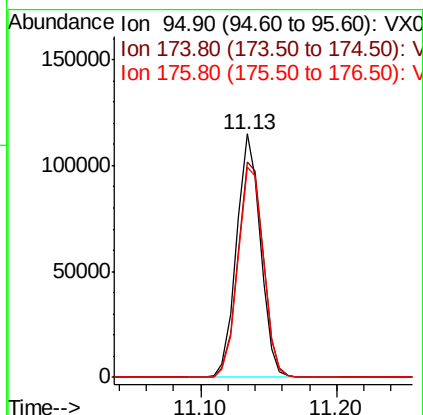
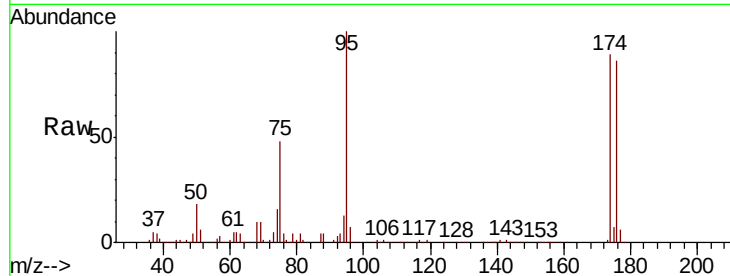




#62
4-Bromofluorobenzene
Concen: 49.023 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

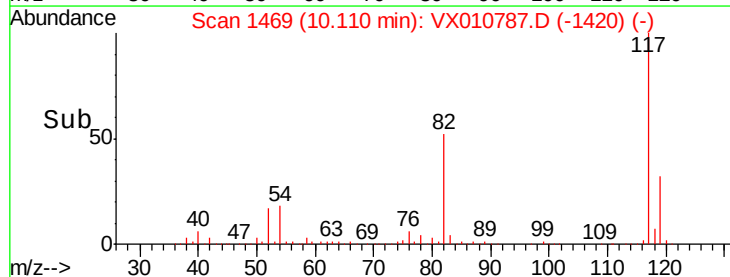
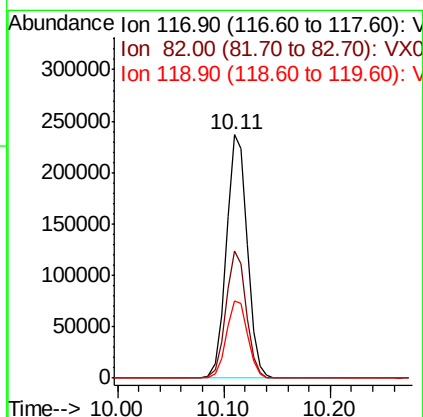
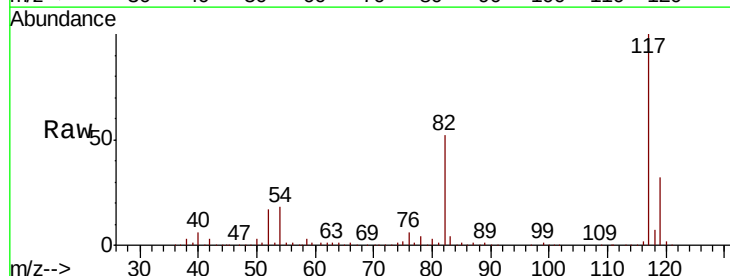
Instrument :
MSVOA_X
ClientSampleId :
PB121247TB

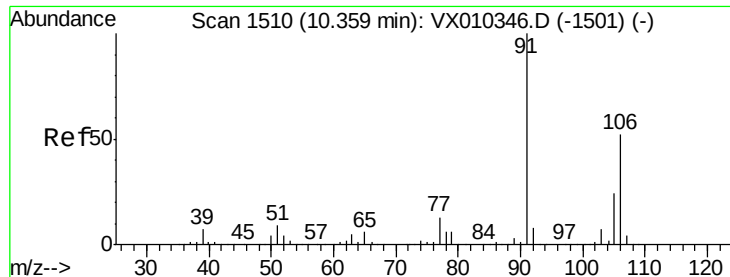
Tot Ion: 95 Resp: 140913
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.6
176 91.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 117 Resp: 324244
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 31.8 25.5 38.3





#68

m/p-Xylenes

Concen: 0.229 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

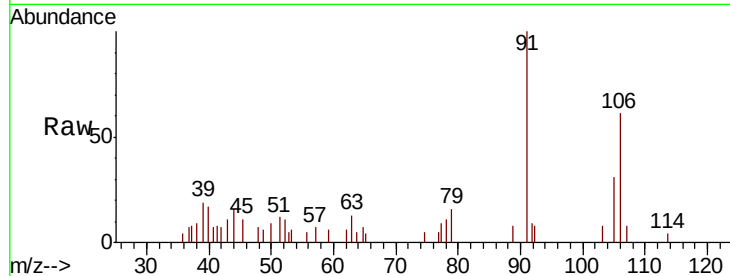
PB121247TB

Tot Ion:106 Resp: 984

Ion Ratio Lower Upper

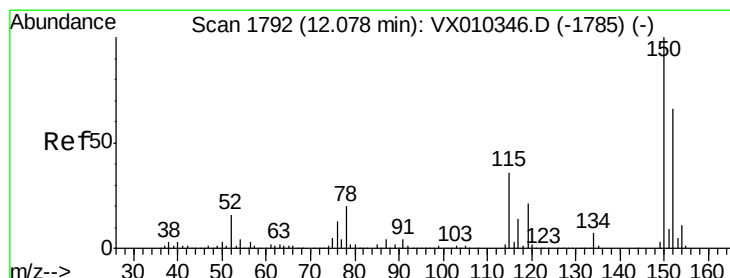
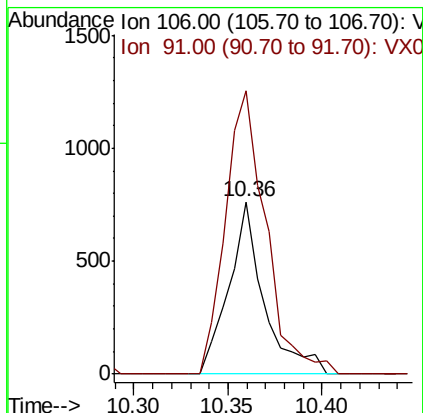
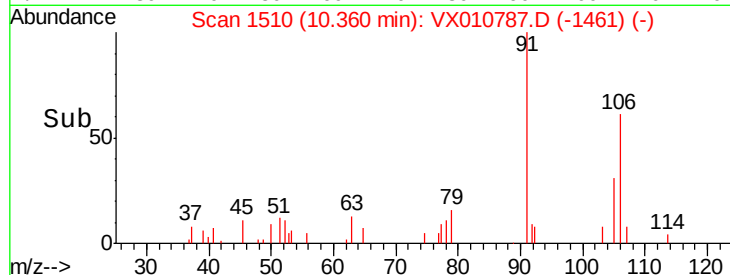
106 100

91 189.3 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

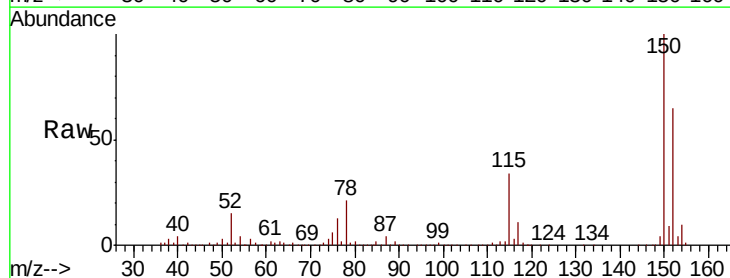
Tgt Ion:152 Resp: 149711

Ion Ratio Lower Upper

152 100

115 55.2 38.6 115.7

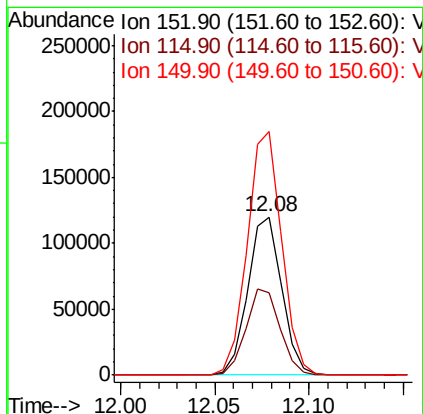
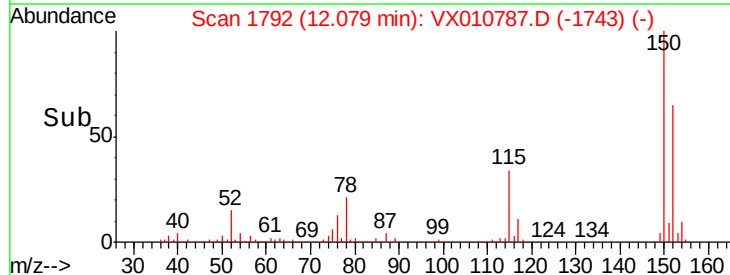
150 155.8 0.0 347.4

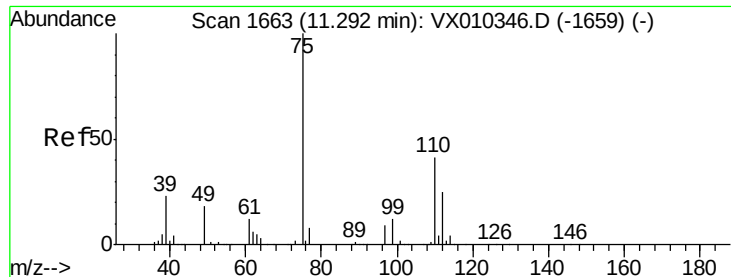


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.459 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

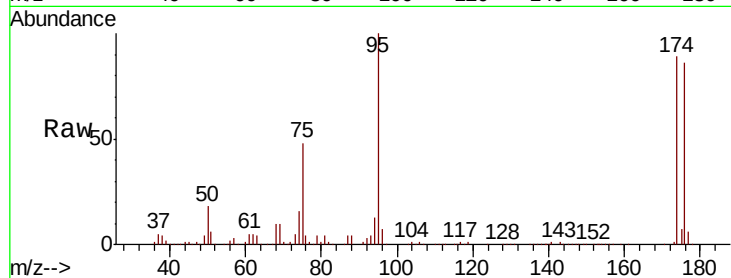
PB121247TB

Tot Ion: 75 Resp: 69455

Ion Ratio Lower Upper

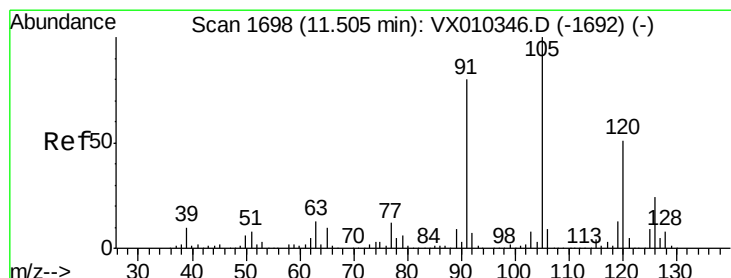
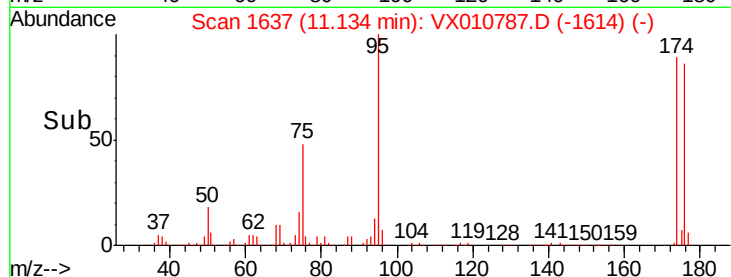
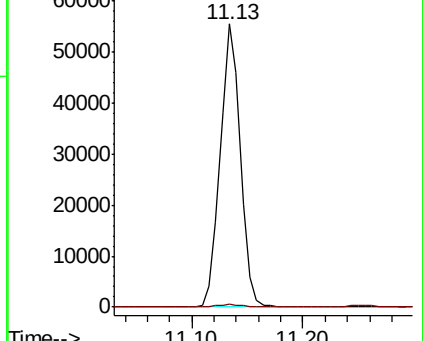
75 100

77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.968 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010787.D

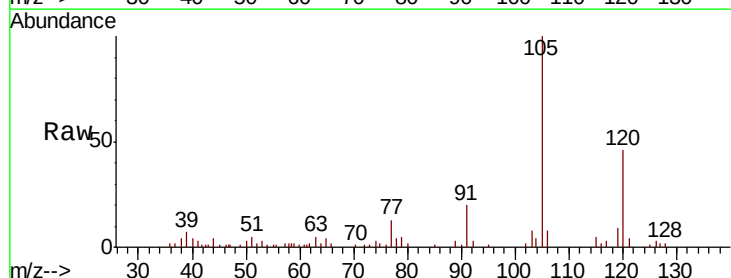
Acq: 10 Jul 2019 19:06

Tgt Ion:105 Resp: 8098

Ion Ratio Lower Upper

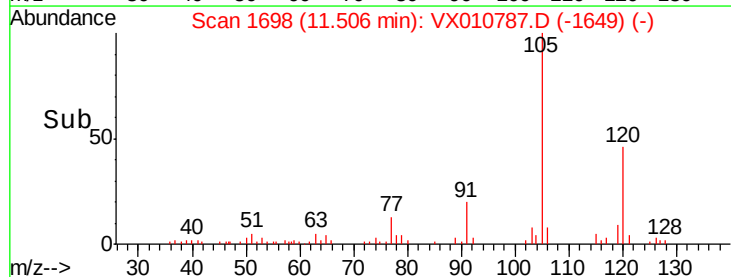
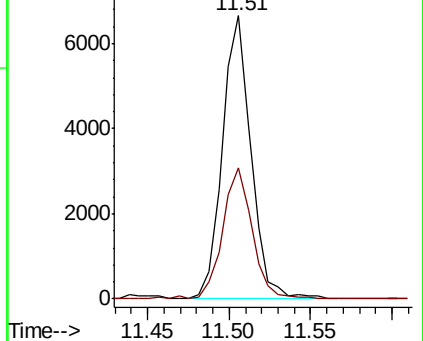
105 100

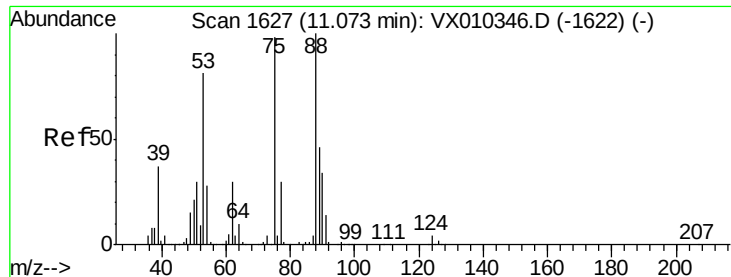
120 48.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 59.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

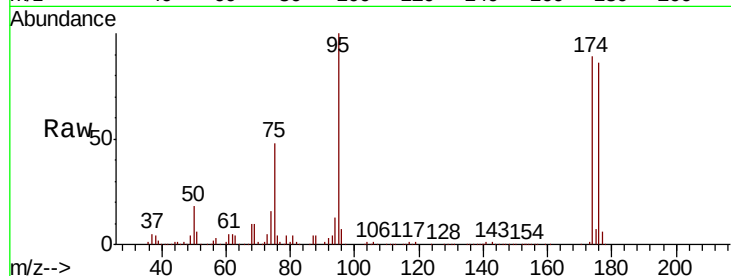
Tot Ion: 75 Resp: 69455

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

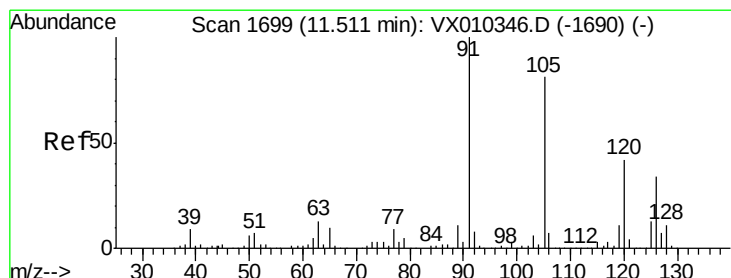
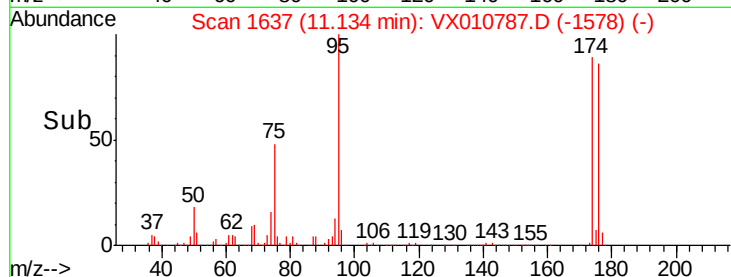
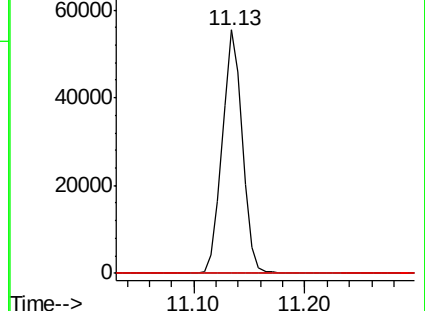
89 0.1 37.8 56.6#



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: 0.266 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010787.D

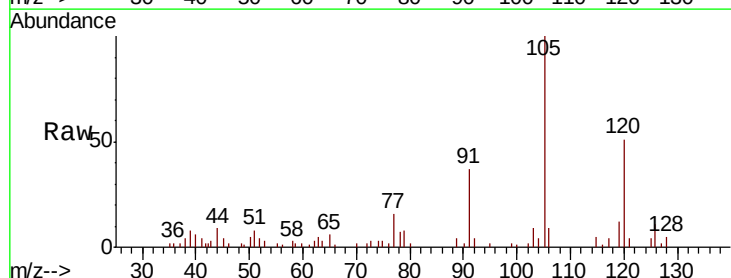
Acq: 10 Jul 2019 19:06

Tgt Ion: 91 Resp: 2014

Ion Ratio Lower Upper

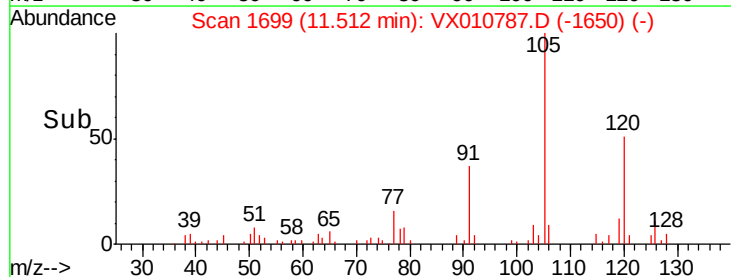
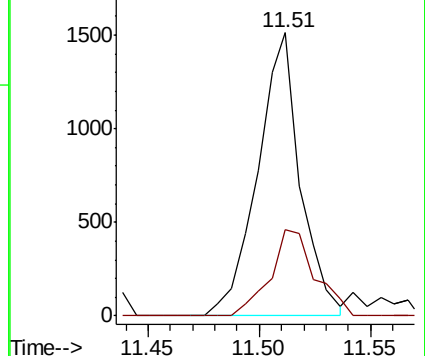
91 100

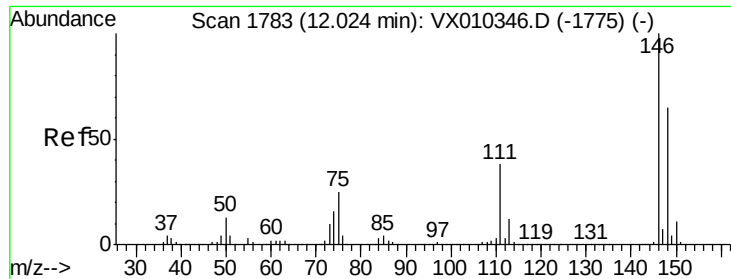
126 31.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

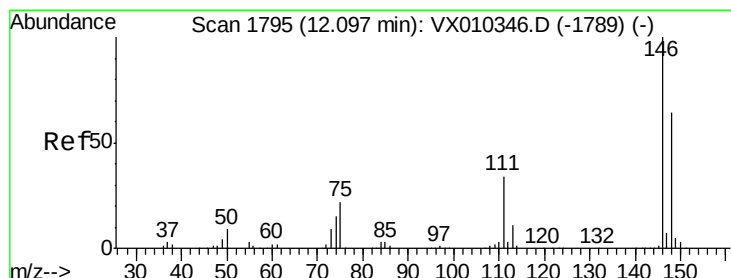
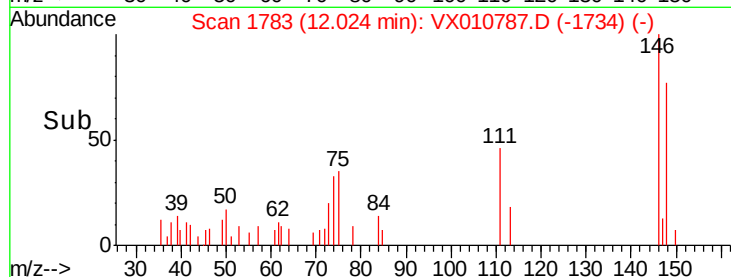
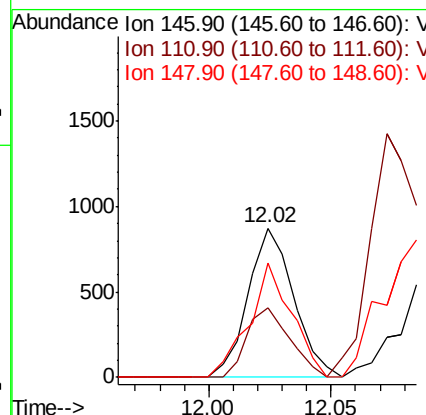
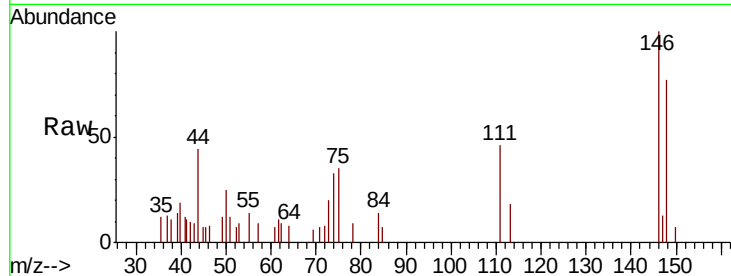




#87
 1,3-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010787.D
 Acq: 10 Jul 2019 19:06

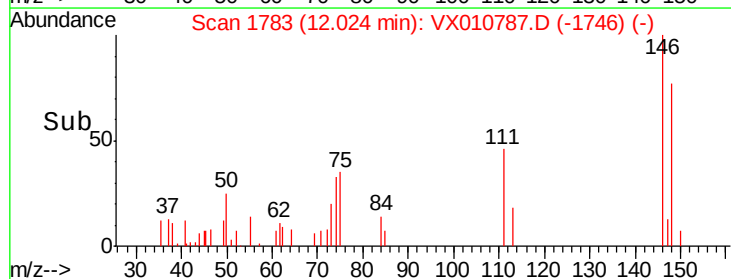
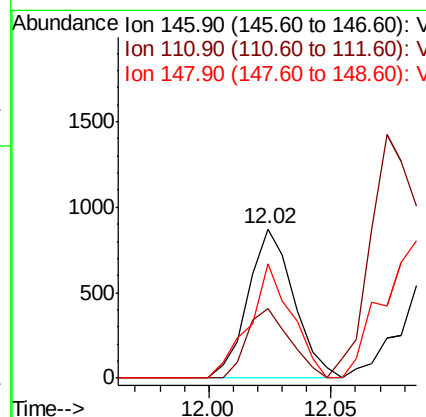
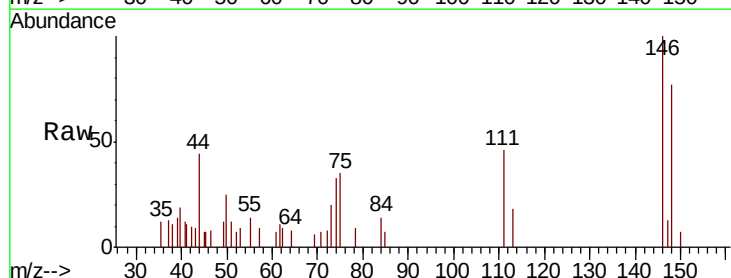
Instrument :
 MSVOA_X
 ClientSampled :
 PB121247TB

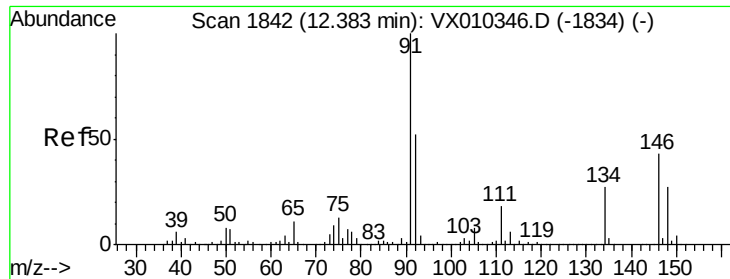
Tot Ion:146 Resp: 1136
 Ion Ratio Lower Upper
 146 100
 111 43.7 19.1 57.1
 148 71.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX010787.D
 Acq: 10 Jul 2019 19:06

Tgt Ion:146 Resp: 1136
 Ion Ratio Lower Upper
 146 100
 111 43.7 18.1 54.3
 148 71.2 32.1 96.3

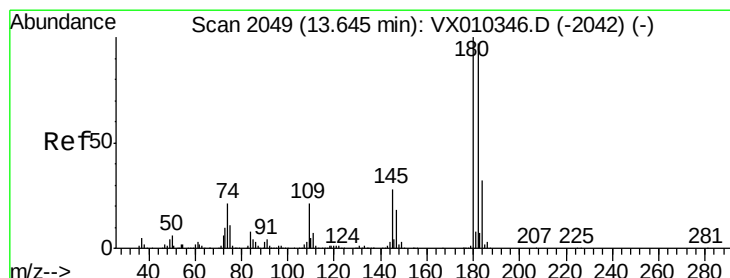
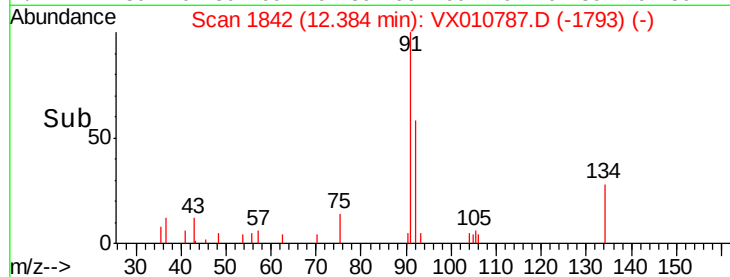
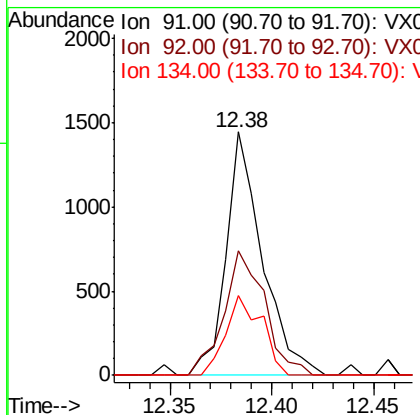
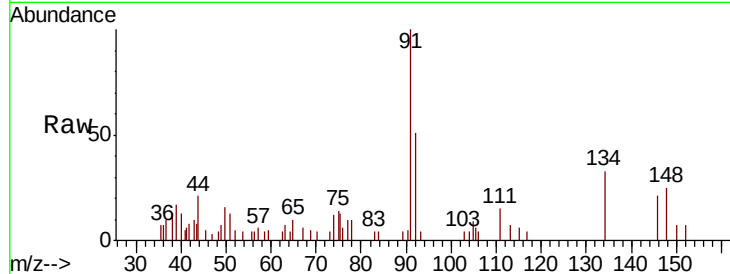




#89
n-Butylbenzene
Concen: 0.229 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

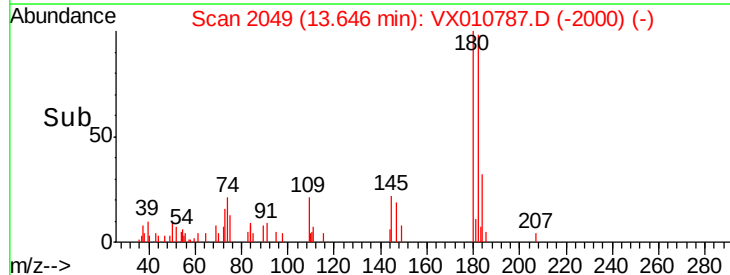
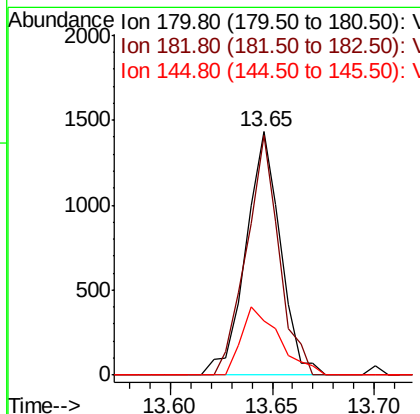
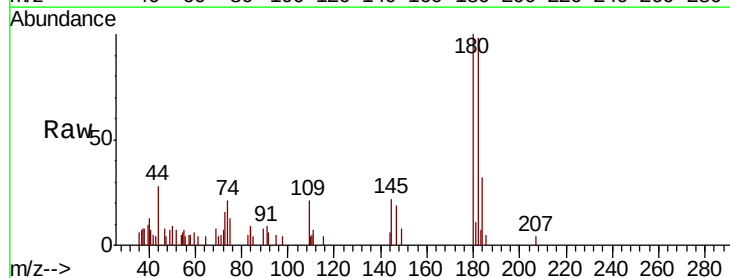
Instrument :
MSVOA_X
ClientSampled :
PB121247TB

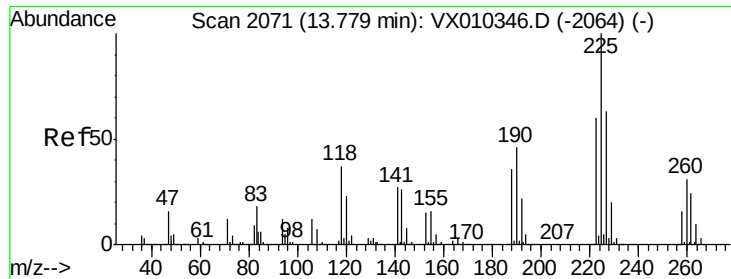
Tot Ion: 91 Resp: 1777
Ion Ratio Lower Upper
91 100
92 57.9 26.2 78.5
134 32.6 14.1 42.4



#93
1,2,4-Trichlorobenzene
Concen: 0.495 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010787.D
Acq: 10 Jul 2019 19:06

Tgt Ion: 180 Resp: 1688
Ion Ratio Lower Upper
180 100
182 92.9 48.0 144.0
145 30.6 14.4 43.4





#94

Hexachlorobutadiene

Concen: 0.275 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

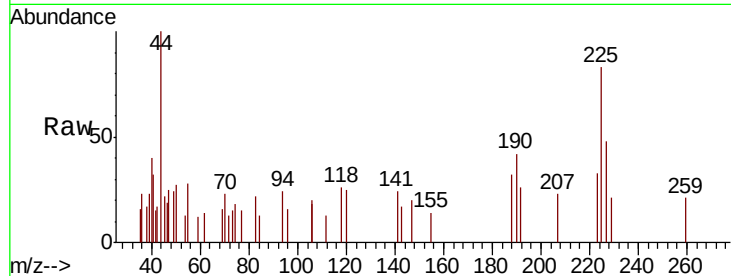
Tot Ion:225 Resp: 459

Ion Ratio Lower Upper

225 100

223 57.1 30.9 92.7

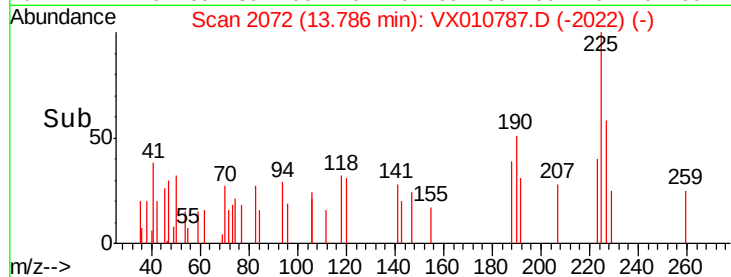
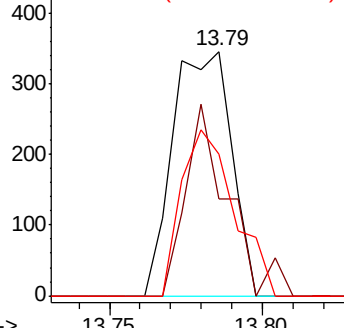
227 61.7 31.9 95.5



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: 0.379 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

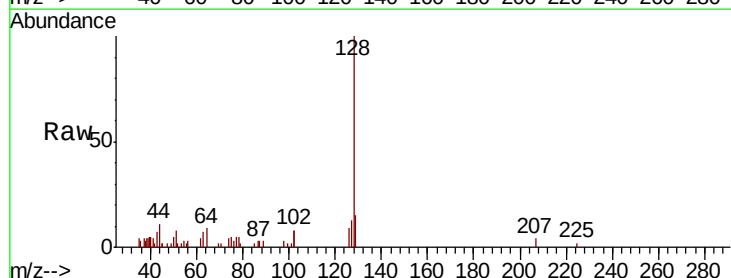
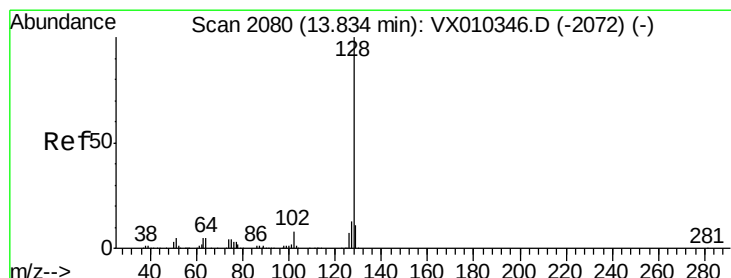
Tgt Ion:128 Resp: 3976

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

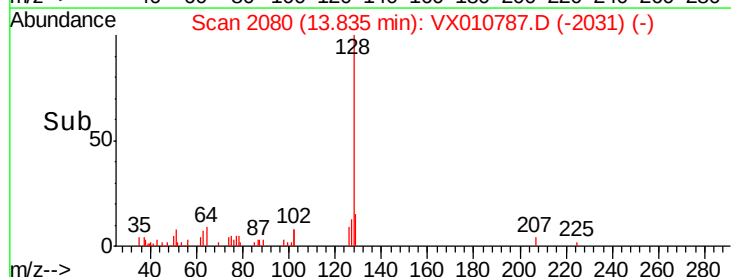
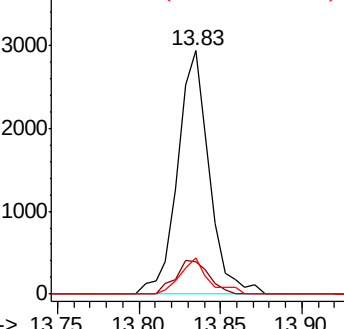
129 13.3 8.9 13.3

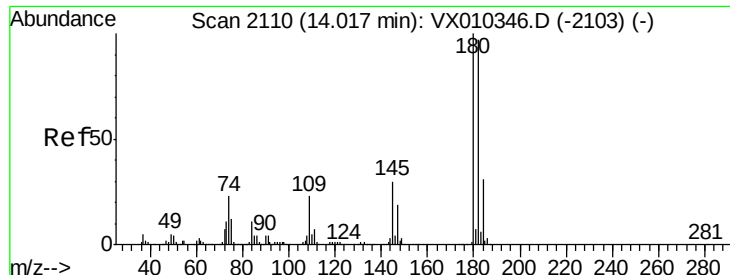


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.440 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010787.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB121247TB

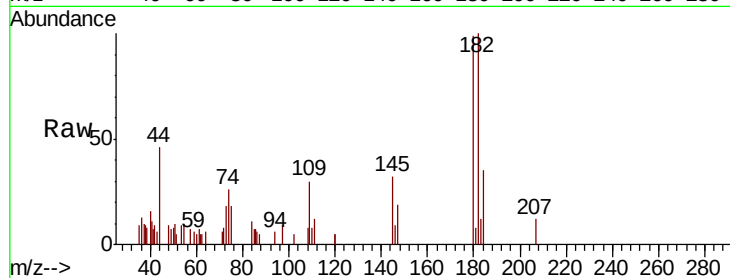
Tot Ion:180 Resp: 1491

Ion Ratio Lower Upper

180 100

182 100.5 47.8 143.3

145 33.8 15.2 45.6



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

