

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004974.D
 Acq On : 03 Oct 2018 17:33
 Operator : JC/MD
 Sample : PB113446TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

Quant Time: Oct 04 01:24:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	453321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194825	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
35) Dibromofluoromethane	5.51	113	165476	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	
50) Toluene-d8	8.72	98	657197	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	268753	57.87	ug/l	0.00
Spiked Amount			Recovery	=	115.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1207	0.252	ug/l	91
5) Bromomethane	1.64	94	758	0.284	ug/l #	78
6) Chloroethane	1.73	64	1103	Below Cal	#	45
8) Diethyl Ether	2.20	74	623	0.258	ug/l	63
10) Methyl Iodide	2.52	142	860	0.203	ug/l #	61
11) Tert butyl alcohol	3.02	59	6615	5.716	ug/l #	72
13) Acrolein	2.28	56	200	0.243	ug/l #	1
16) Acetone	2.45	43	76057	31.478	ug/l	91
18) Methyl Acetate	2.78	43	9966	1.628	ug/l	95
20) Methylene Chloride	2.85	84	6130	0.921	ug/l	96
25) 2-Butanone	4.70	43	61468	17.259	ug/l	97
29) Tetrahydrofuran	5.17	42	2716	1.227	ug/l	95
31) Cyclohexane	5.57	56	2784	0.529	ug/l #	96
36) 1,1-Dichloropropene	5.67	75	18548	3.506	ug/l #	46
37) Ethyl Acetate	4.70	43	61468	8.752	ug/l #	69
38) Carbon Tetrachloride	5.67	117	25310	4.551	ug/l #	17
39) Methylcyclohexane	7.46	83	6711	1.242	ug/l #	80
40) Benzene	6.14	78	24915	1.504	ug/l	96
41) Methacrylonitrile	5.17	41	2077	0.533	ug/l #	47
42) 1,2-Dichloroethane	6.20	62	2456	0.419	ug/l	84
43) Isopropyl Acetate	6.46	43	264290	26.072	ug/l	95
48) Methyl methacrylate	7.69	41	10689	2.323	ug/l #	22
51) 4-Methyl-2-Pentanone	8.65	43	10084	1.580	ug/l #	81
52) Toluene	8.79	92	122657	13.476	ug/l	97
56) Ethyl methacrylate	9.20	69	1787	3.122	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.33	63	314	14.328	ug/l #	49
59) 2-Hexanone	9.50	43	10238	1.925	ug/l	97
67) Ethyl Benzene	10.26	91	184979	10.023	ug/l	96
68) m/p-Xylenes	10.36	106	410926	56.980	ug/l	95
69) o-Xylene	10.70	106	159991	24.153	ug/l	98
70) Styrene	10.70	104	9699	2.890	ug/l #	1
73) Isopropylbenzene	11.02	105	26344	1.504	ug/l	97
74) N-amyl acetate	10.91	43	45017	6.260	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	27267	3.824	ug/l #	26

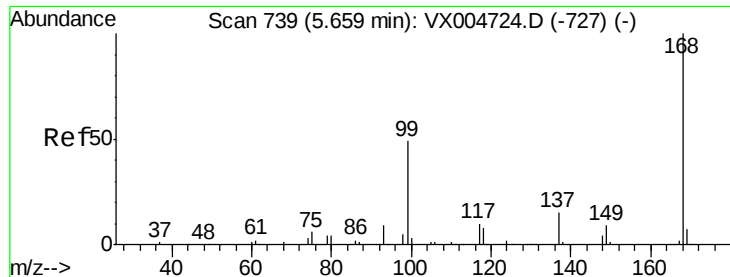
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	11.43	75	6941	1.114	ug/l	#	1
78) n-propylbenzene	11.36	91	171644	8.540	ug/l		99
79) 2-Chlorotoluene	11.43	91	98563	7.868	ug/l	#	41
80) 1,3,5-Trimethylbenzene	11.51	105	328350	20.334	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.14	75	127346	55.530	ug/l	#	16
82) 4-Chlorotoluene	11.51	91	35054	2.377	ug/l	#	52
83) tert-Butylbenzene	11.81	119	156302	10.838	ug/l	#	59
84) 1,2,4-Trimethylbenzene	11.81	105	1249884	75.591	ug/l		100
85) sec-Butylbenzene	11.81	105	1249884	71.150	ug/l	#	56
86) p-Isopropyltoluene	12.07	119	14857	0.933	ug/l		96
89) n-Butylbenzene	12.38	91	158992	11.000	ug/l	#	28
90) Hexachloroethane	12.58	117	18493	6.979	ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2394	1.529	ug/l	#	26
95) Naphthalene	13.83	128	528656	23.260	ug/l		99
96) 1,2,3-Trichlorobenzene	14.03	180	1972	0.274	ug/l	#	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampled :

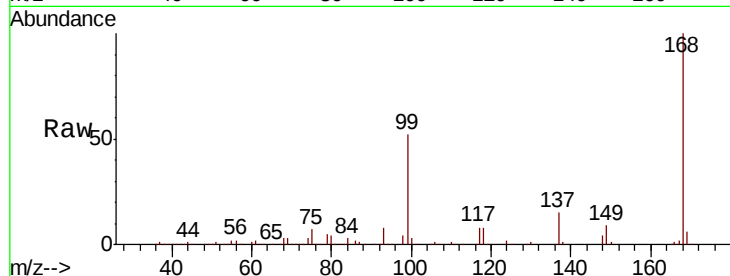
PB113446TB

Tot Ion:168 Resp: 289717

Ion Ratio Lower Upper

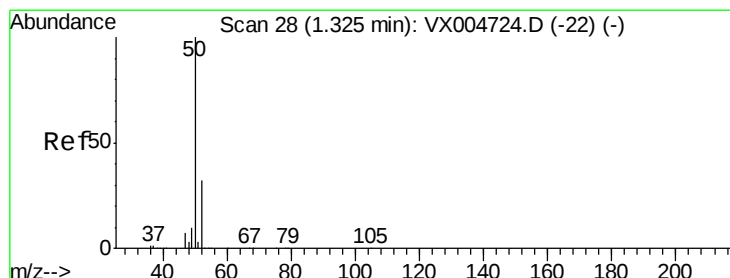
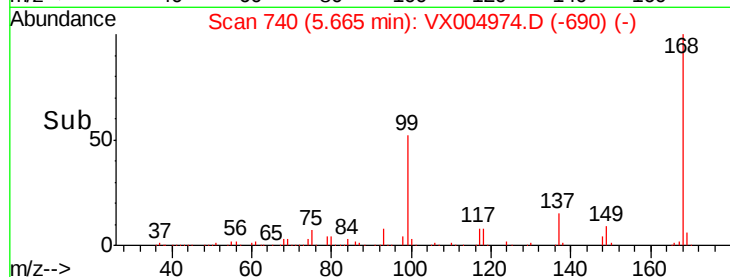
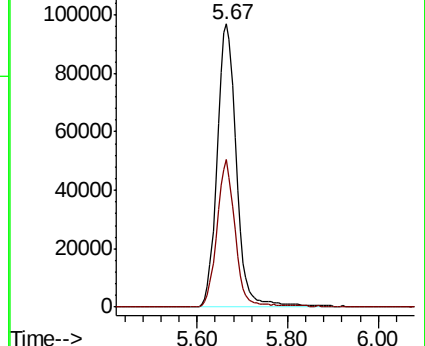
168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.252 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004974.D

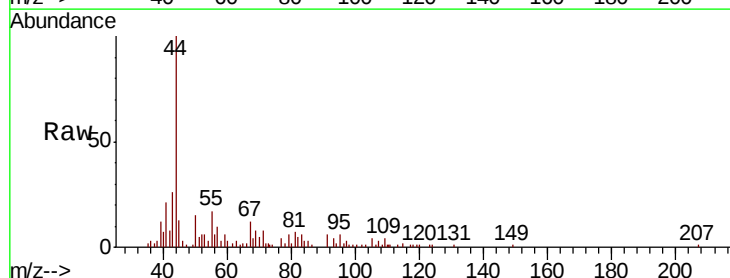
Acq: 03 Oct 2018 17:33

Tgt Ion: 50 Resp: 1207

Ion Ratio Lower Upper

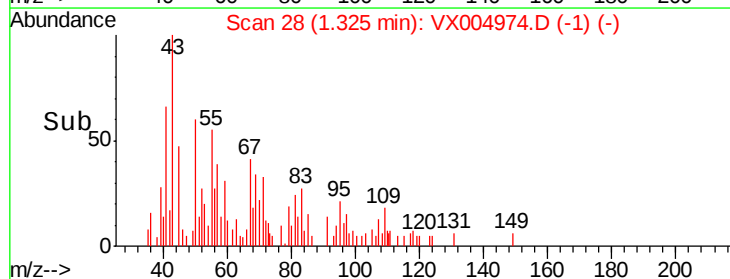
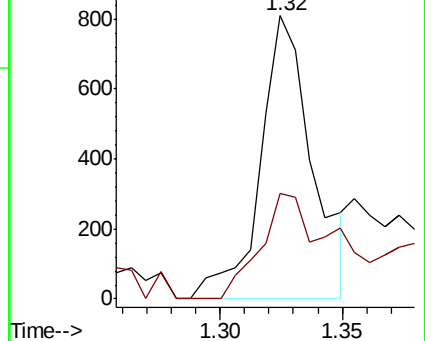
50 100

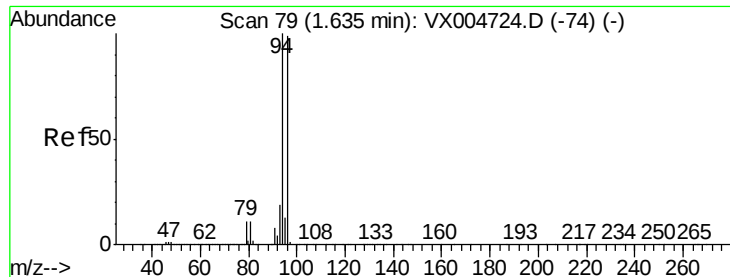
52 37.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.284 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampled :

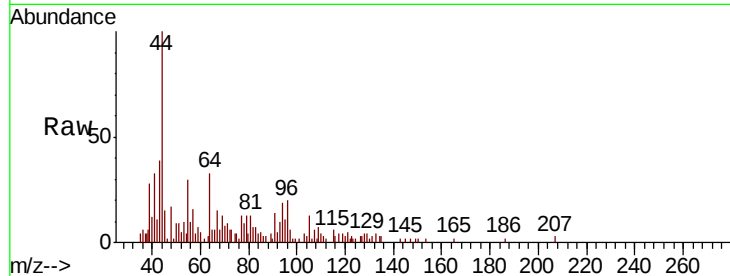
PB113446TB

Tot Ion: 94 Resp: 758

Ion Ratio Lower Upper

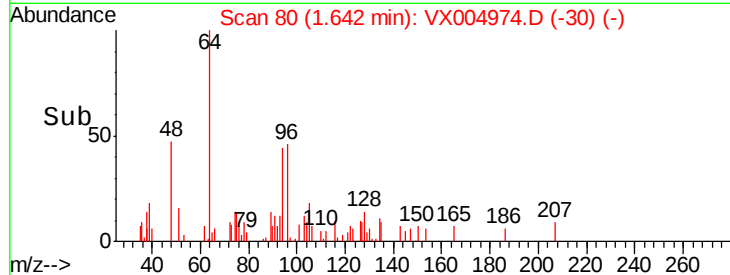
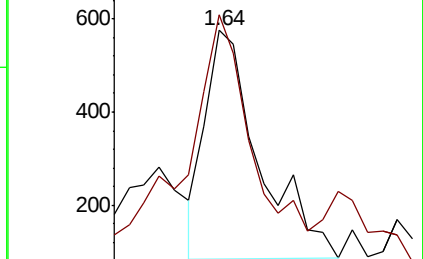
94 100

96 77.5 79.5 119.3#

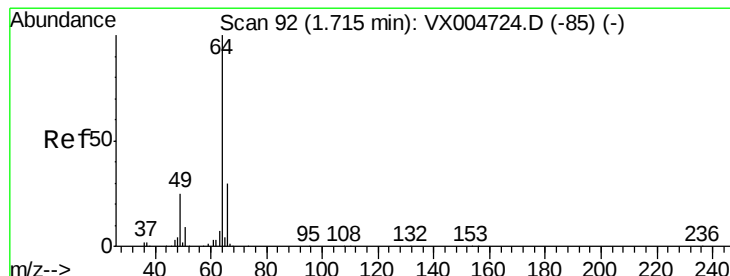


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time--> 1.60 1.65 1.70



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX004974.D

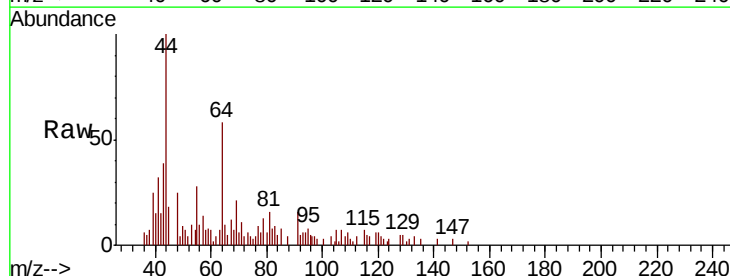
Acq: 03 Oct 2018 17:33

Tgt Ion: 64 Resp: 1103

Ion Ratio Lower Upper

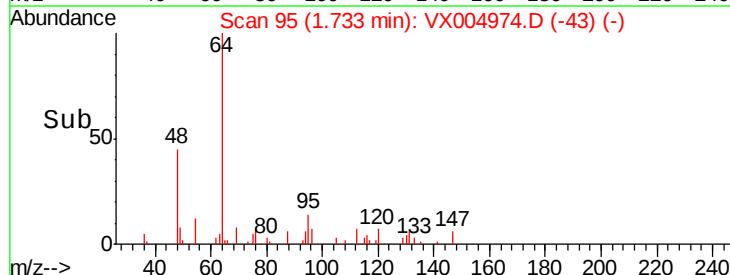
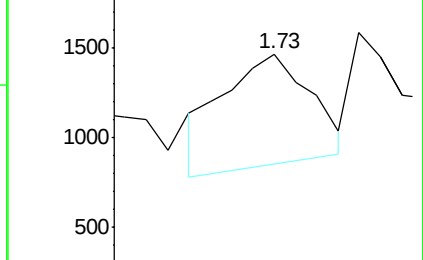
64 100

66 0.0 23.8 35.6#

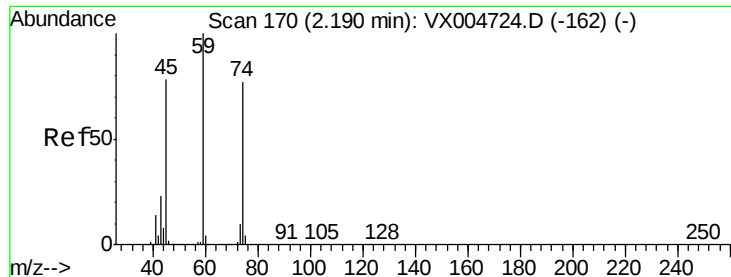


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time--> 1.70 1.72 1.74 1.76



#8

Diethyl Ether

Concen: 0.258 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampled :

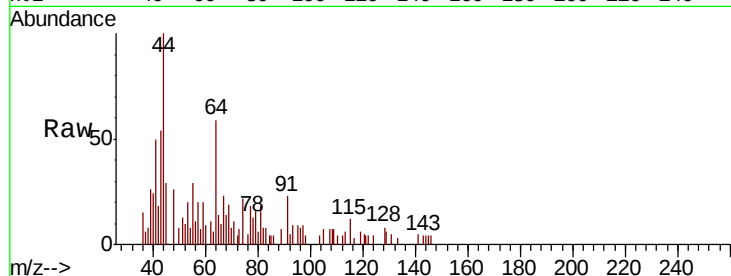
PB113446TB

Tot Ion: 74 Resp: 623

Ion Ratio Lower Upper

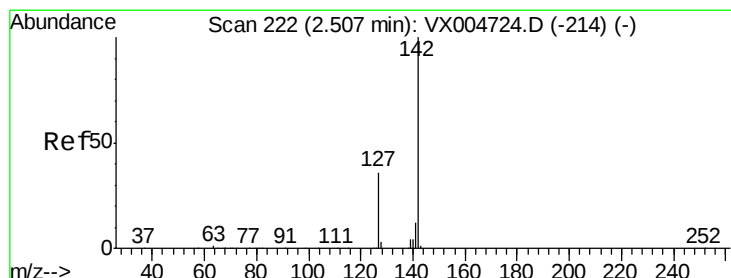
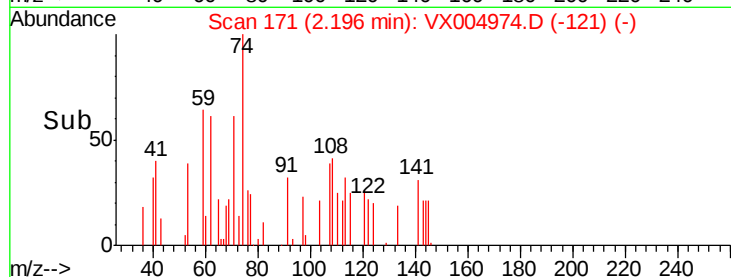
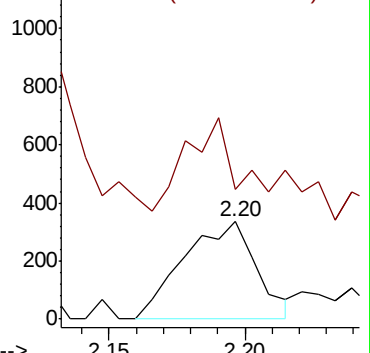
74 100

45 66.6 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.203 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

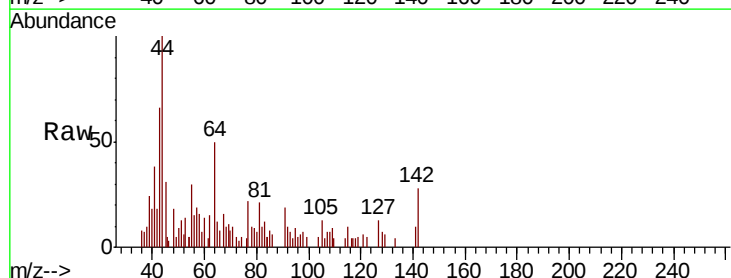
Tgt Ion: 142 Resp: 860

Ion Ratio Lower Upper

142 100

127 57.2 30.1 45.1#

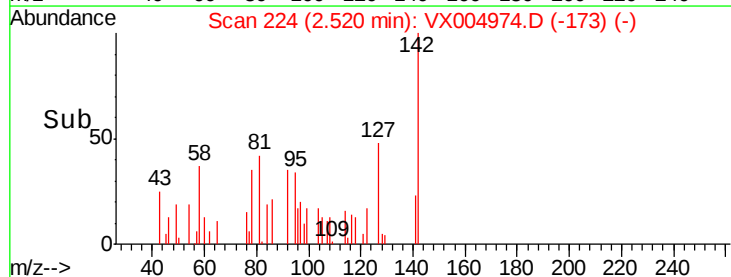
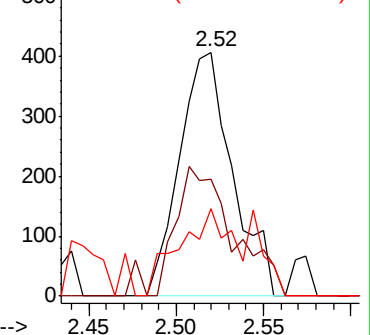
141 35.3 10.1 15.1#

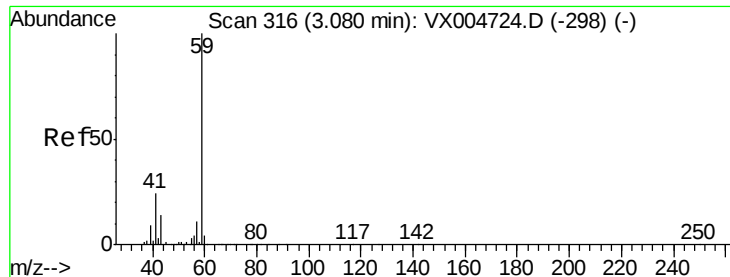


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

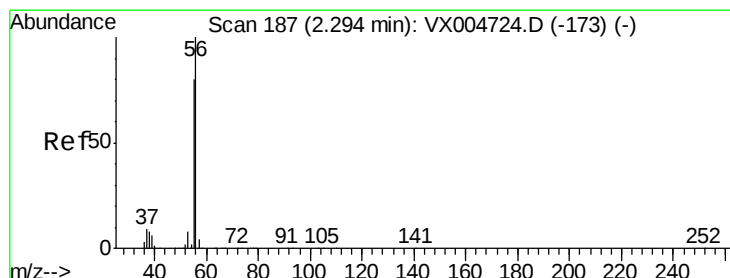
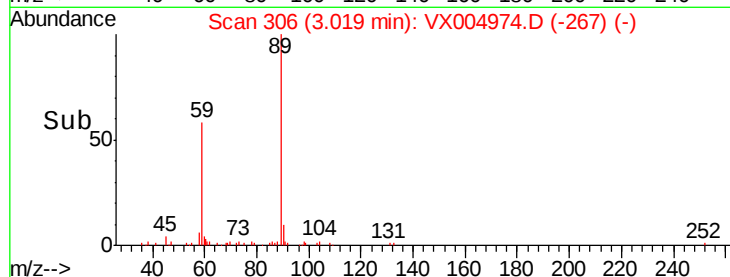
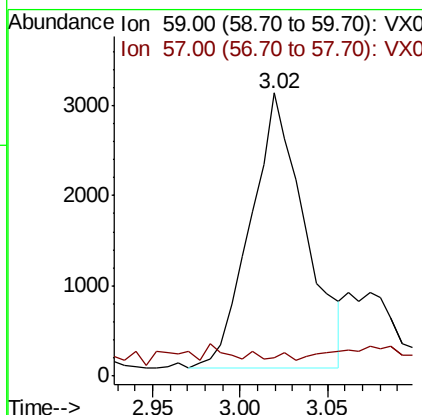
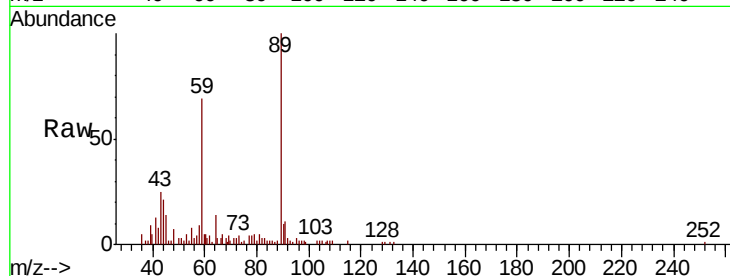




#11
Tert butyl alcohol
Concen: 5.716 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

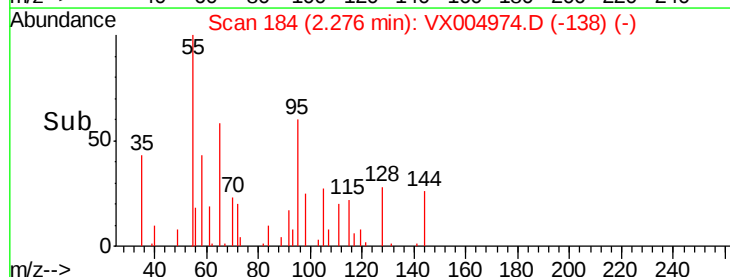
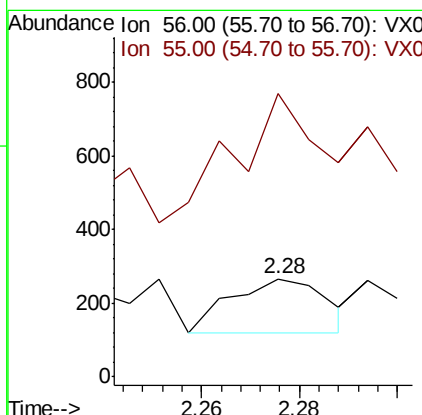
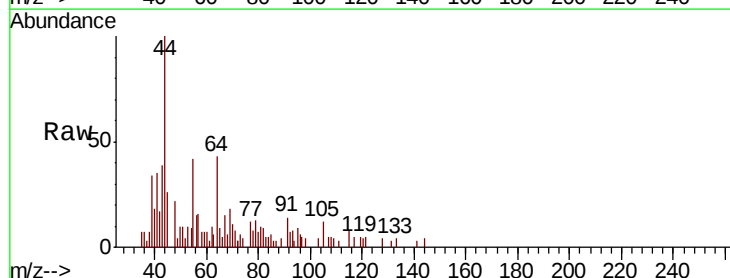
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

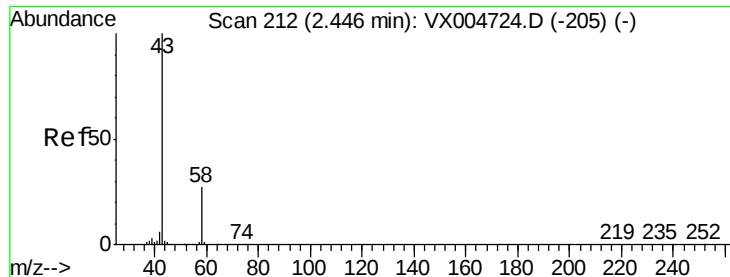
Tot Ion: 59 Resp: 6615
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.243 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 56 Resp: 200
Ion Ratio Lower Upper
56 100
55 468.5 63.4 95.2#

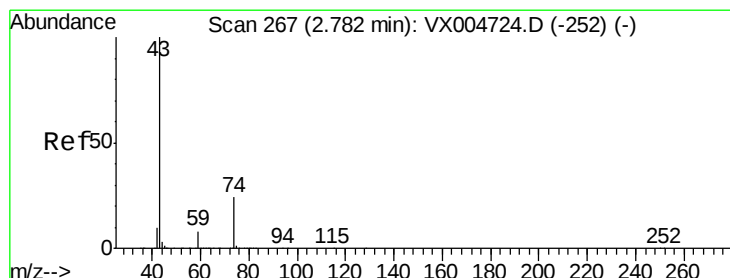
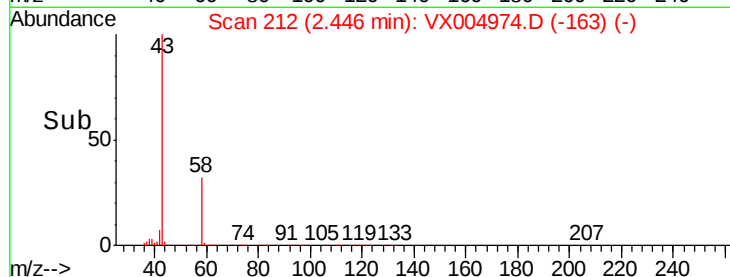
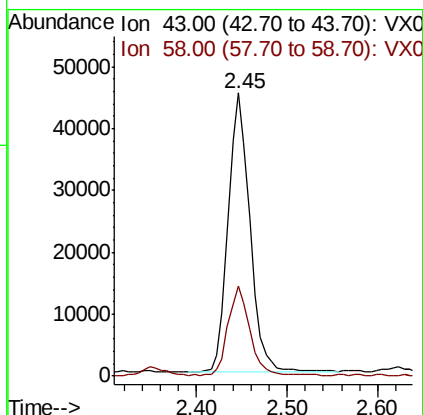
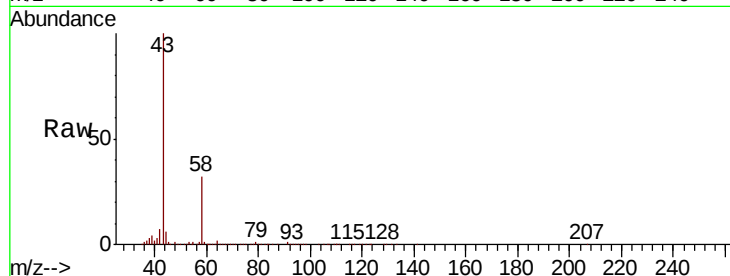




#16
Acetone
Concen: 31.478 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

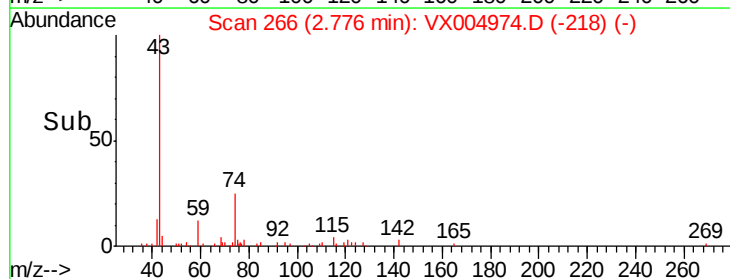
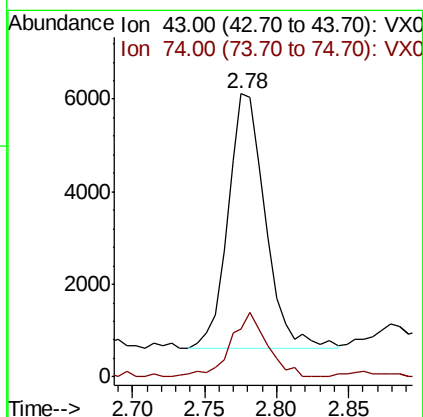
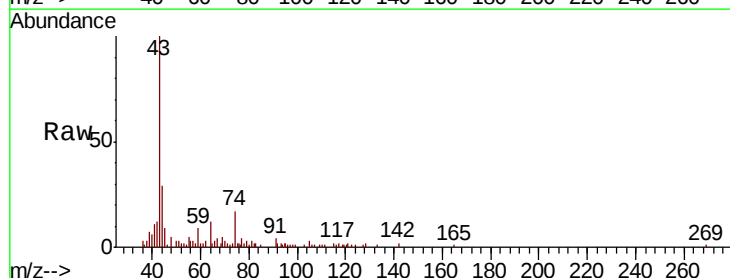
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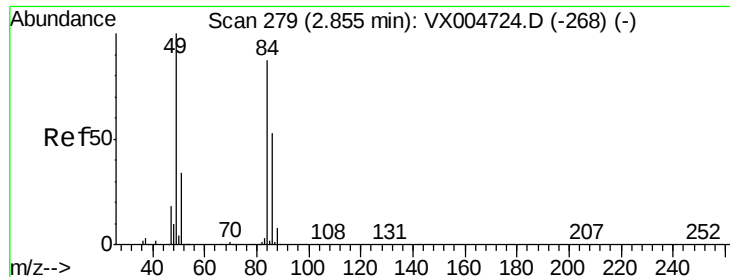
Tot Ion: 43 Resp: 76057
Ion Ratio Lower Upper
43 100
58 32.0 21.8 32.6



#18
Methyl Acetate
Concen: 1.628 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 43 Resp: 9966
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8

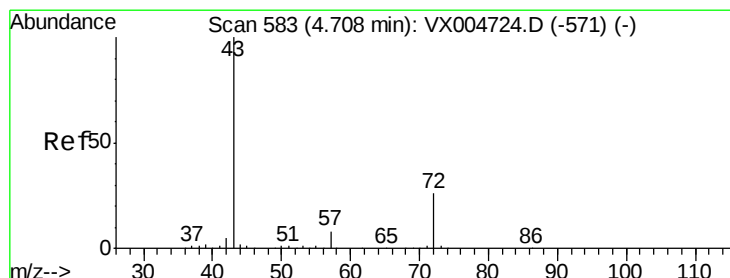
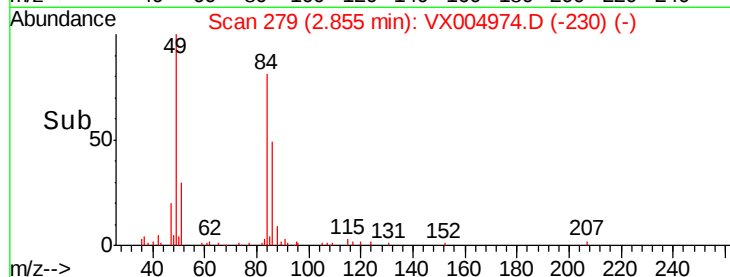
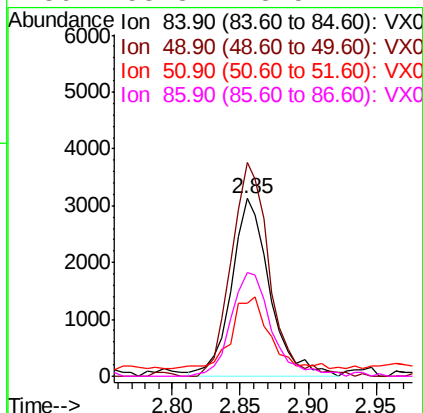
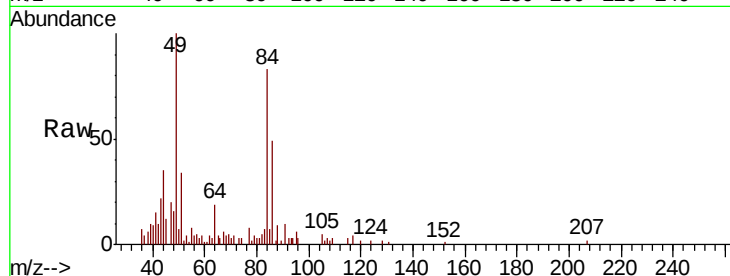




#20
Methylene Chloride
Concen: 0.921 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

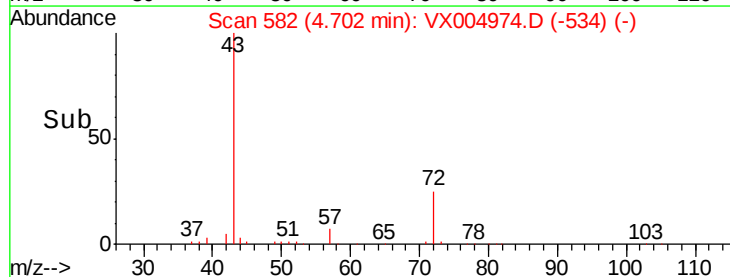
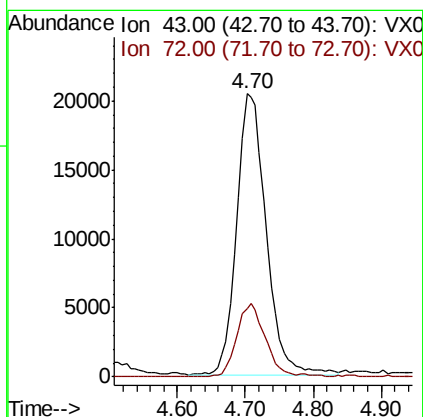
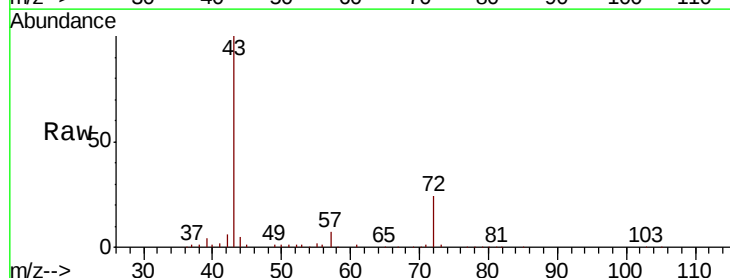
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

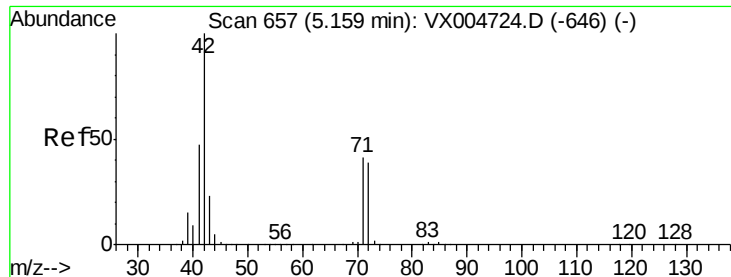
Tot Ion:	84	Resp:	6130
Ion	Ratio	Lower	Upper
84	100		
49	120.1	92.3	138.5
51	36.2	31.8	47.6
86	58.3	48.5	72.7



#25
2-Butanone
Concen: 17.259 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion:	43	Resp:	61468
Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.8	31.2

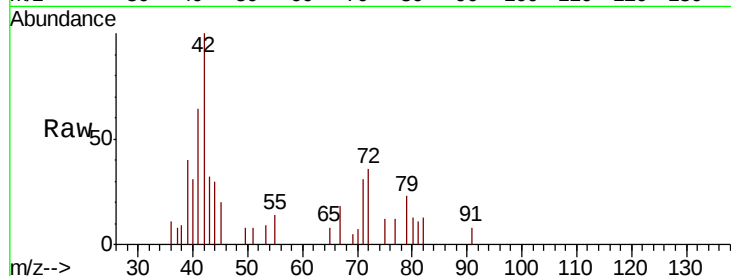




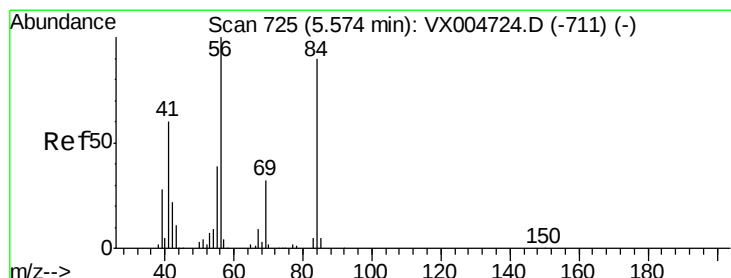
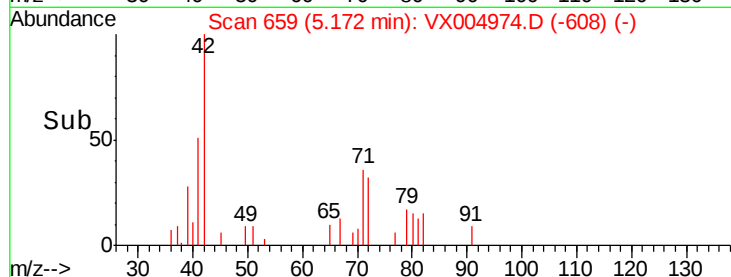
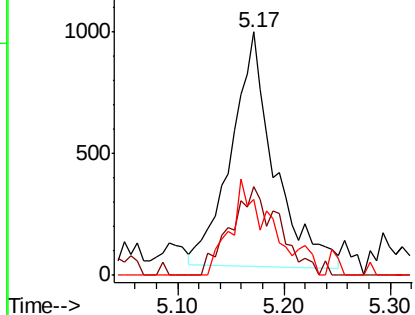
#29
Tetrahydrofuran
Concen: 1.227 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Instrument :
MSVOA_X
ClientSampled :
PB113446TB

Tot Ion: 42 Resp: 2716
Ion Ratio Lower Upper
42 100
72 43.0 33.7 50.5
71 35.2 32.2 48.4

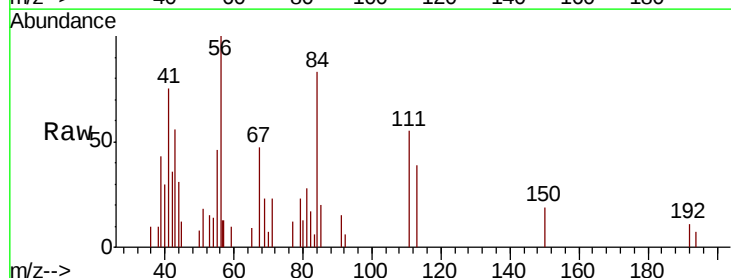


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

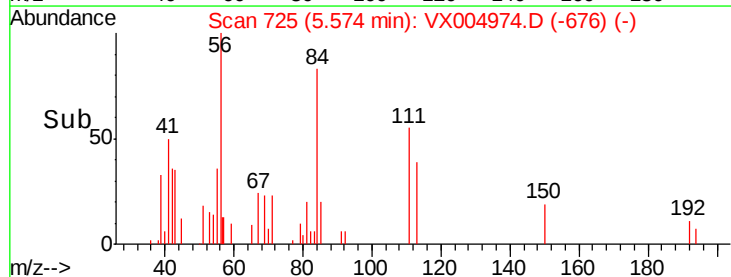
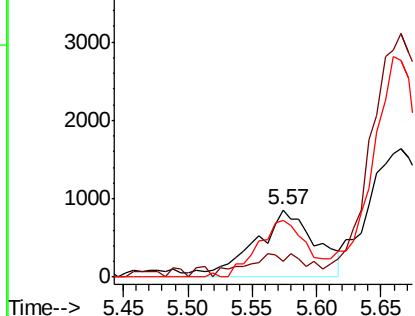


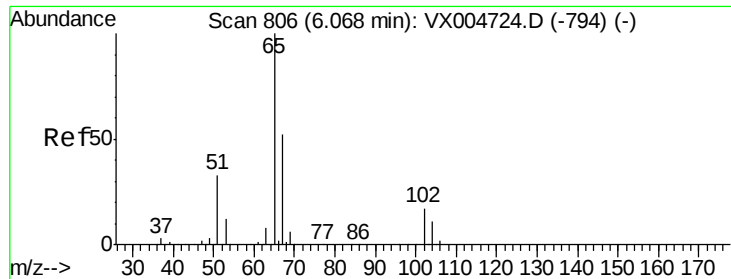
#31
Cyclohexane
Concen: 0.529 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 56 Resp: 2784
Ion Ratio Lower Upper
56 100
69 25.1 25.9 38.9#
84 89.4 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.075 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

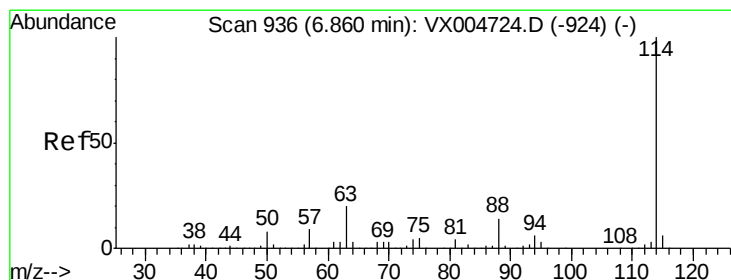
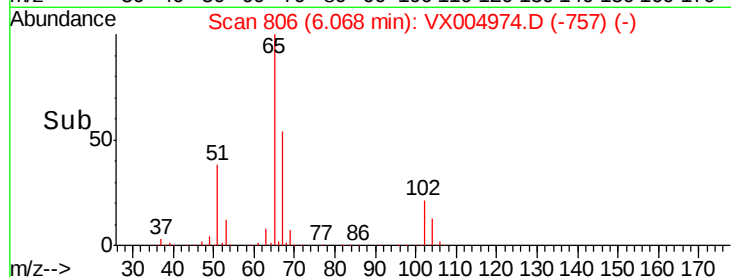
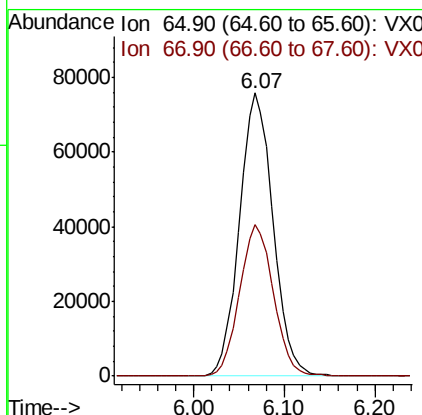
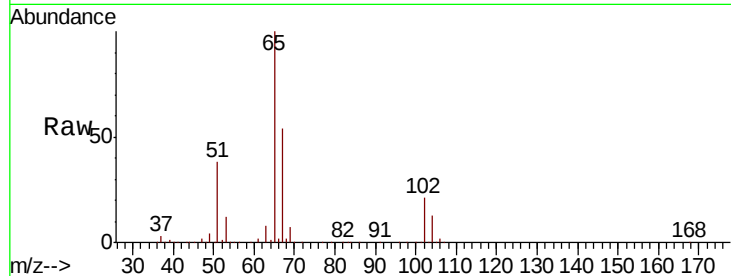
Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

Tot Ion: 65 Resp: 194825

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

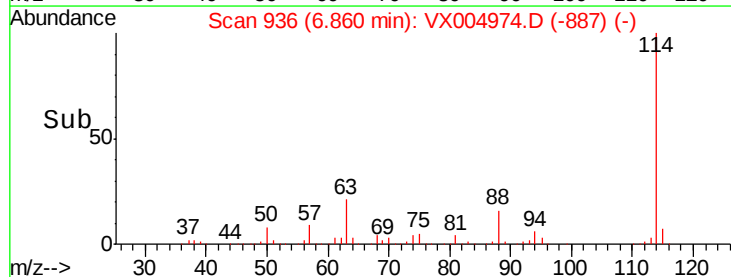
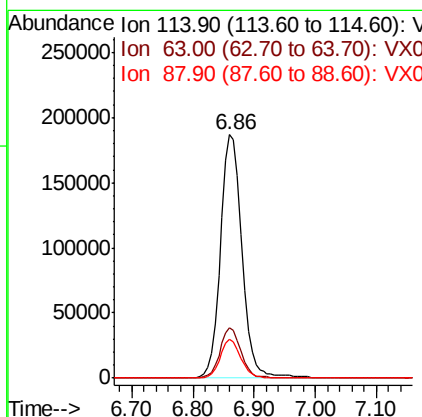
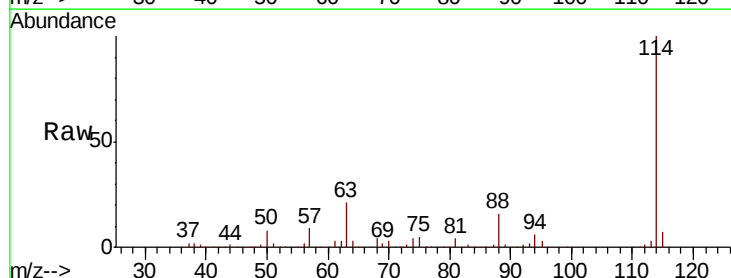
Delta R.T. 0.00 min

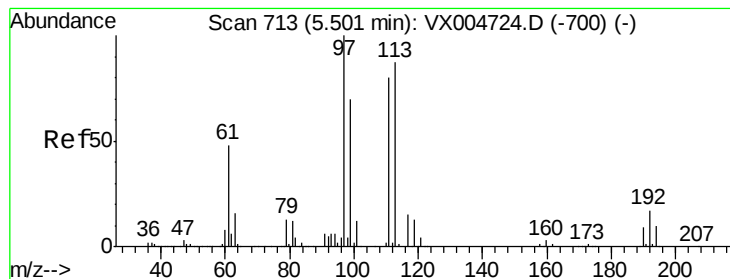
Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Tgt Ion: 114 Resp: 457564

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	16.1	0.0	27.0





#35

Dibromofluoromethane

Concen: 42.671 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

PB113446TB

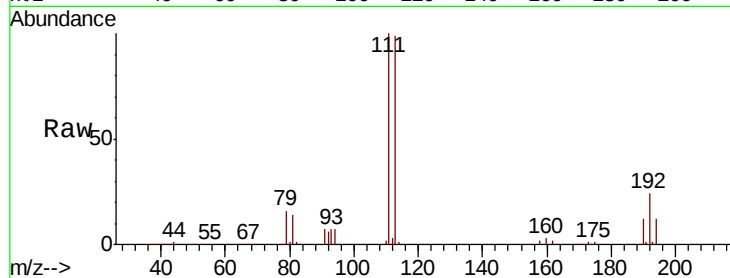
Tot Ion:113 Resp: 165476

Ion Ratio Lower Upper

113 100

111 103.1 77.0 115.4

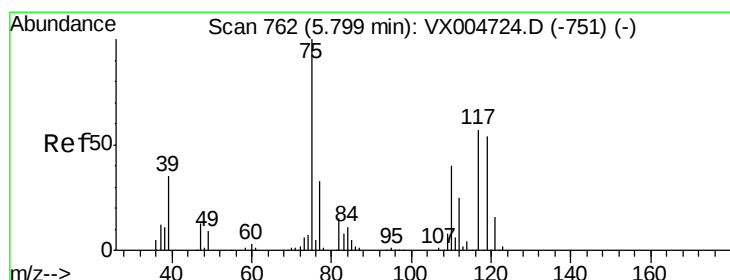
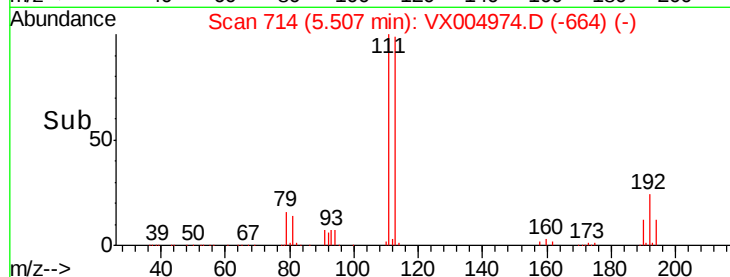
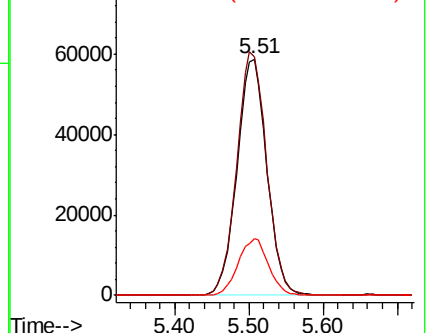
192 24.3 17.0 25.6



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: 3.506 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

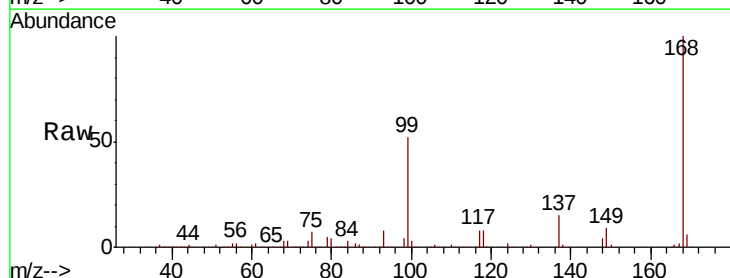
Tgt Ion: 75 Resp: 18548

Ion Ratio Lower Upper

75 100

110 8.8 20.0 59.9#

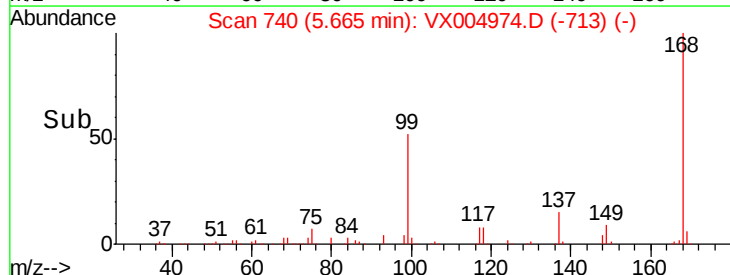
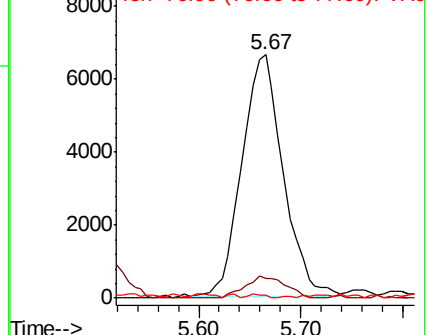
77 0.7 27.1 40.7#

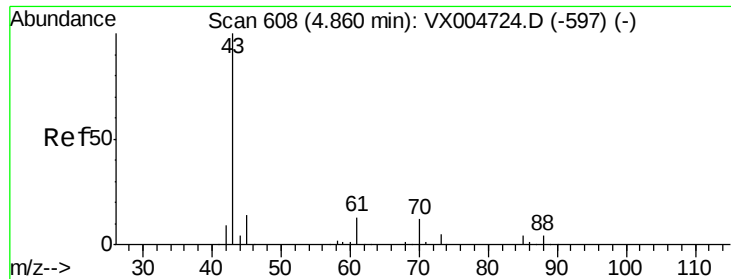


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

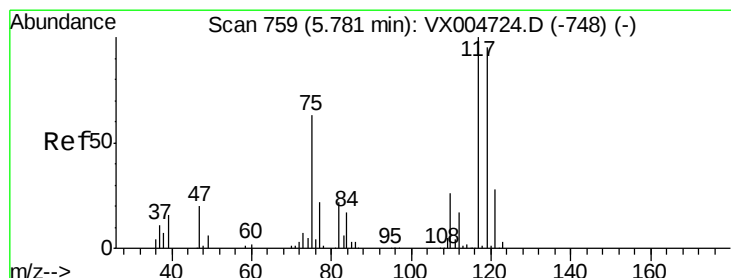
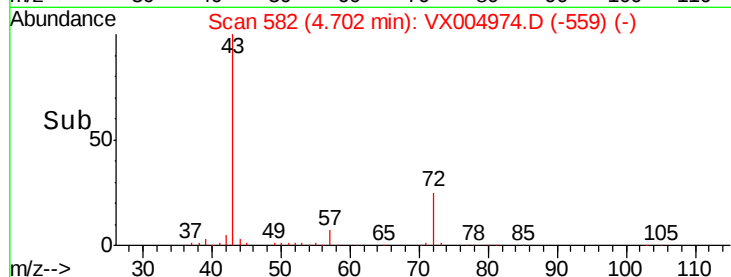
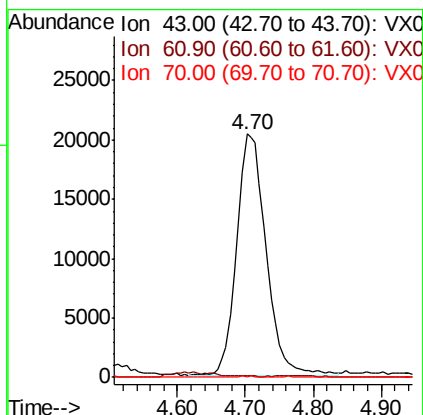
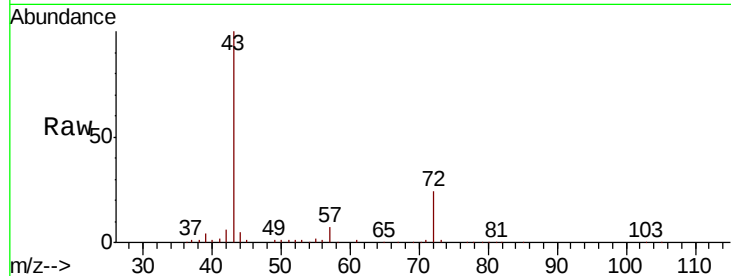




#37
Ethyl Acetate
Concen: 8.752 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

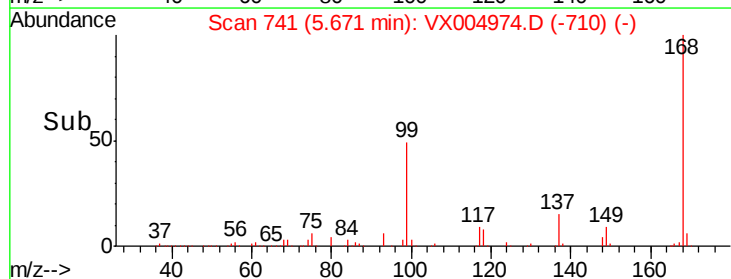
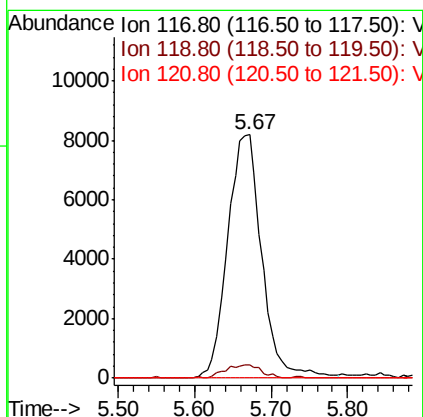
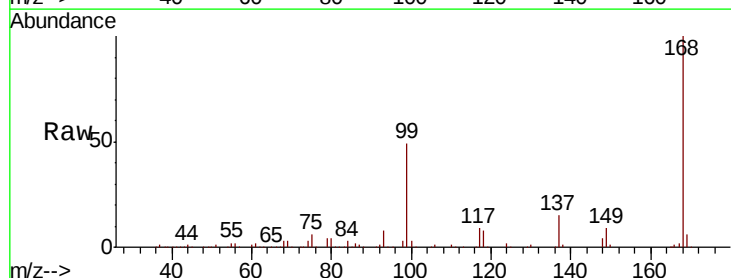
Instrument :
MSVOA_X
ClientSampled :
PB113446TB

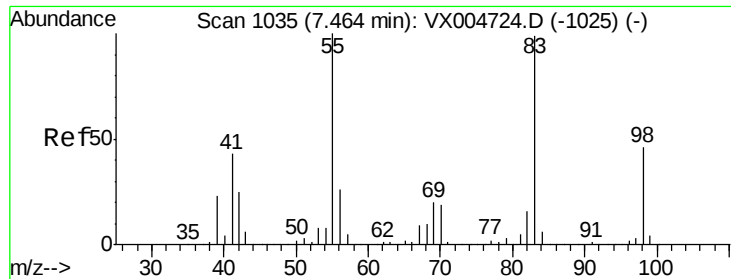
Tot Ion: 43 Resp: 61468
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 4.551 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 117 Resp: 25310
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 22.5 33.7#

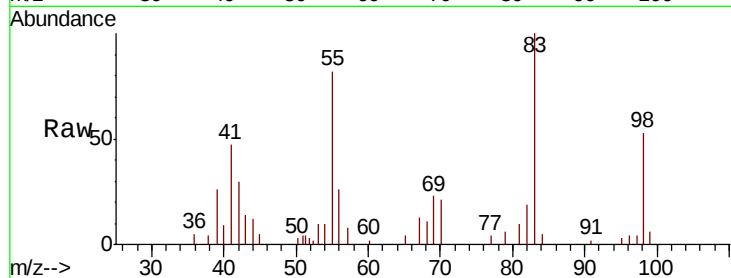




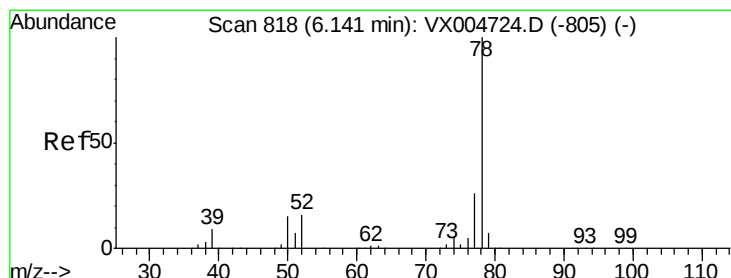
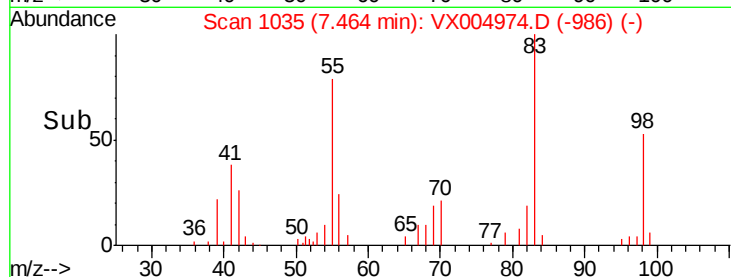
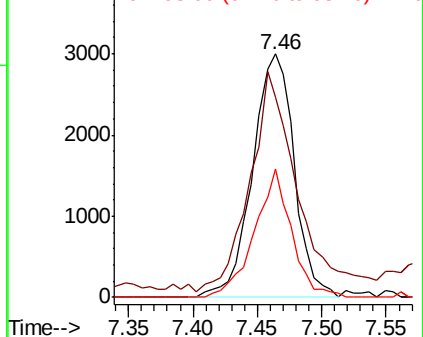
#39
Methvlcvclohexane
Concen: 1.242 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

Tot Ion: 83 Resp: 6711
Ion Ratio Lower Upper
83 100
55 76.8 81.1 121.7#
98 53.0 37.3 55.9

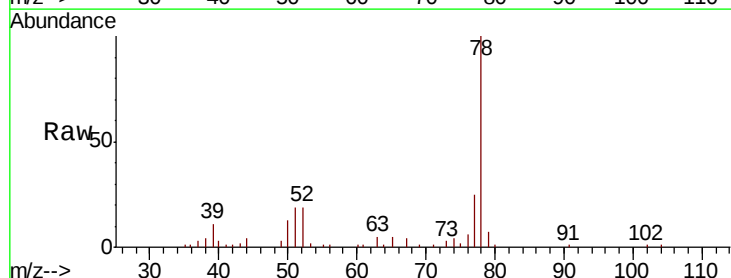


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

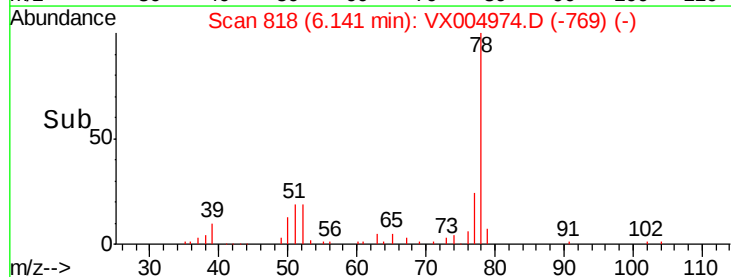
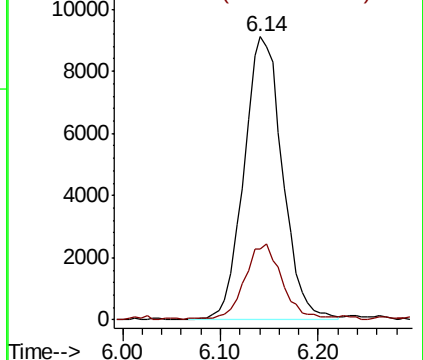


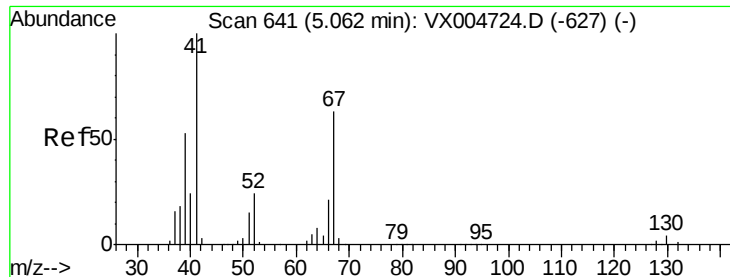
#40
Benzene
Concen: 1.504 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 78 Resp: 24915
Ion Ratio Lower Upper
78 100
77 24.4 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

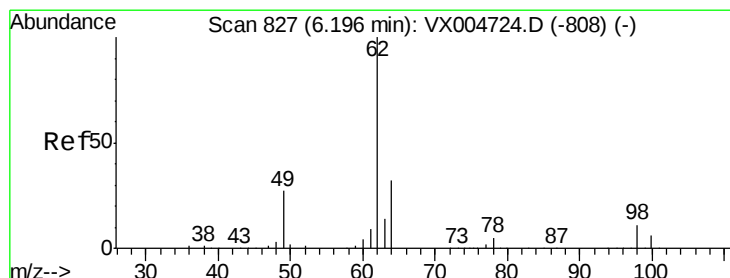
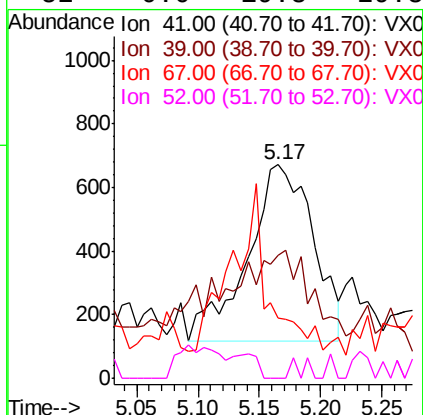
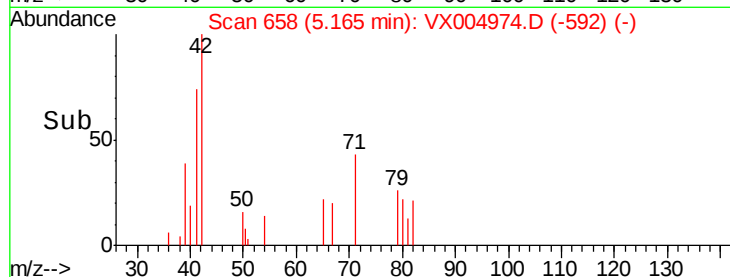
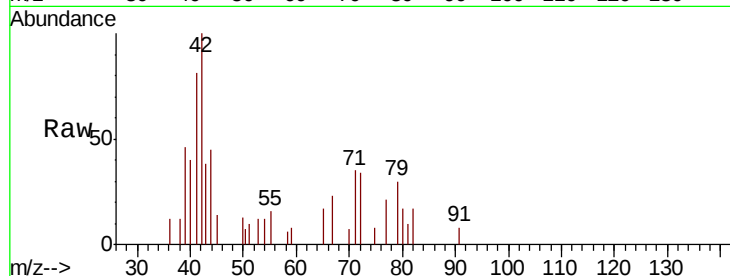




#41
Methacrylonitrile
Concen: 0.533 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

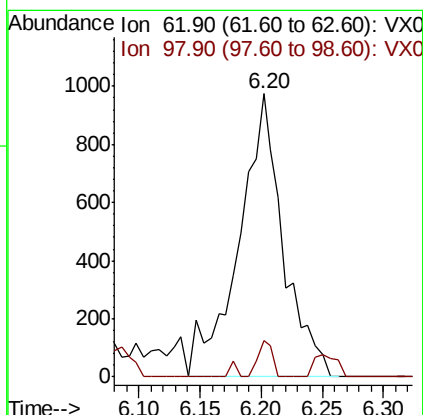
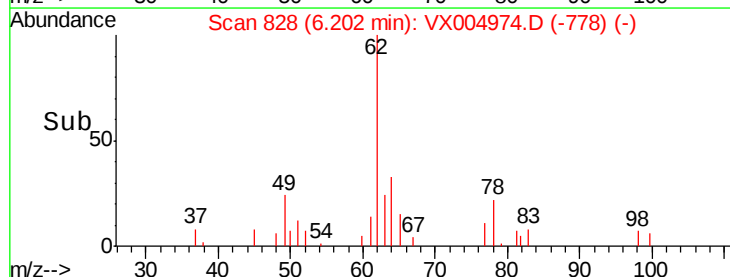
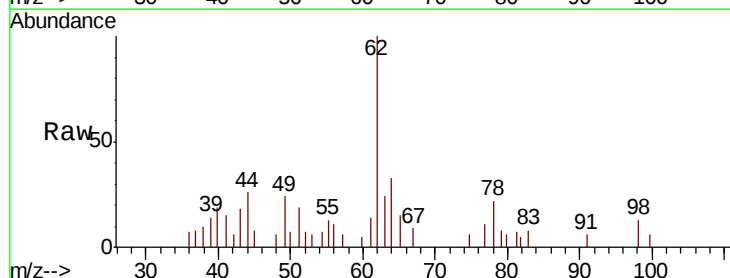
Instrument :
MSVOA_X
ClientSampled :
PB113446TB

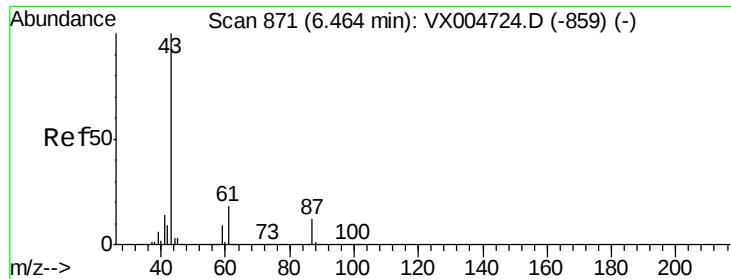
Tot Ion: 41 Resp: 2077
Ion Ratio Lower Upper
41 100
39 41.6 42.5 63.7#
67 0.0 53.0 79.6#
52 0.0 19.8 29.8#



#42
1,2-Dichloroethane
Concen: 0.419 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 62 Resp: 2456
Ion Ratio Lower Upper
62 100
98 4.3 0.0 20.2



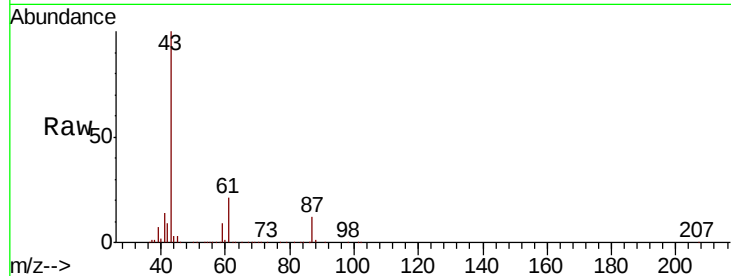


#43

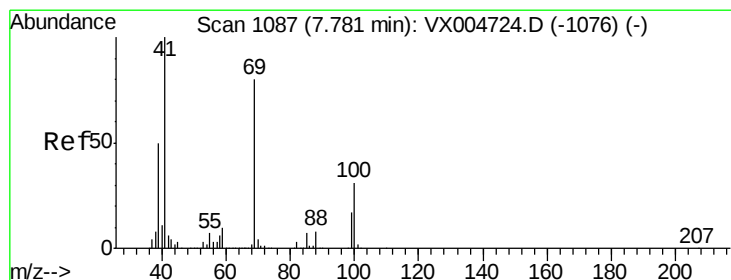
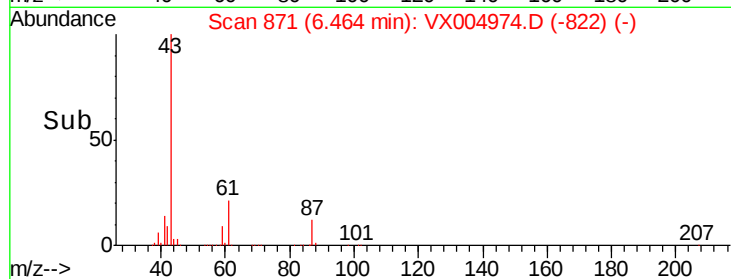
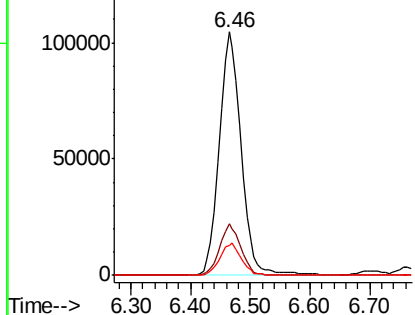
Isopropyl Acetate
 Concen: 26.072 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleID :
 PB113446TB

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.2	21.4
87	13.2	9.3	13.9



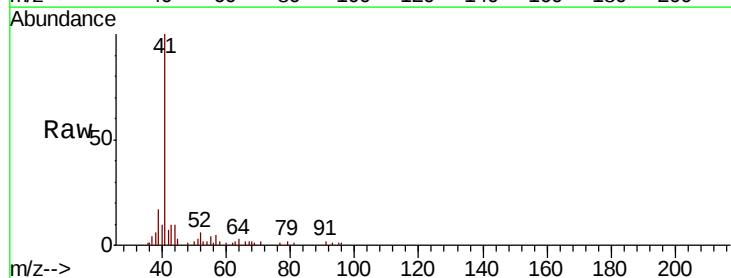
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



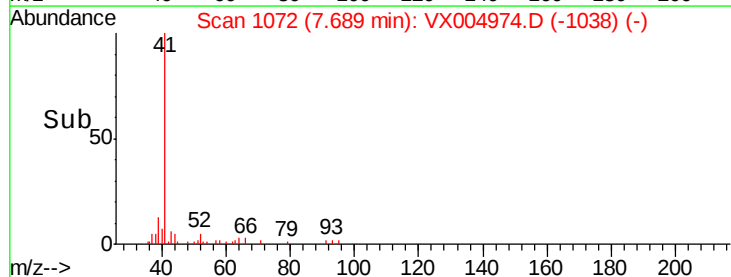
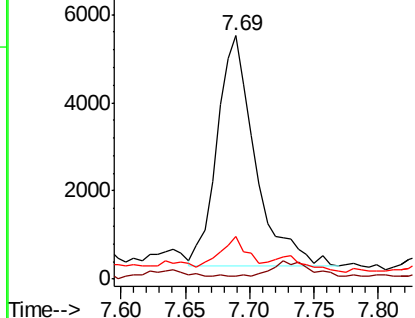
#48

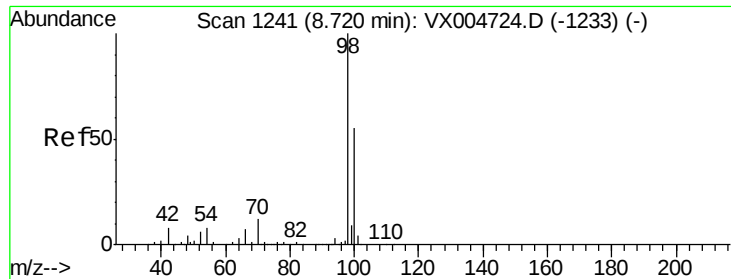
Methyl methacrylate
 Concen: 2.323 ug/l
 RT: 7.69 min Scan# 1072
 Delta R.T. -0.09 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	10.1	40.7	61.1#



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

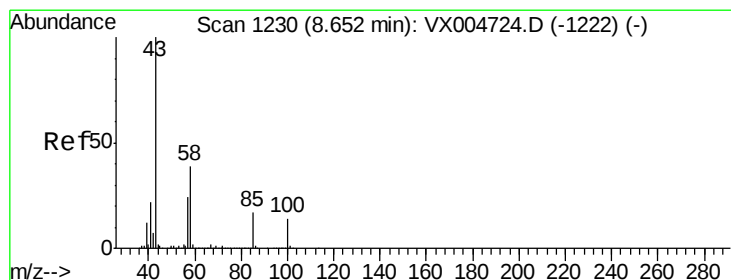
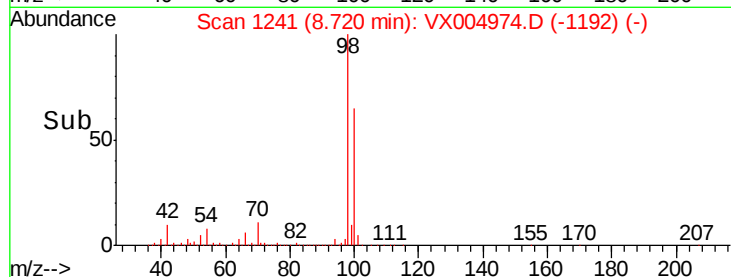
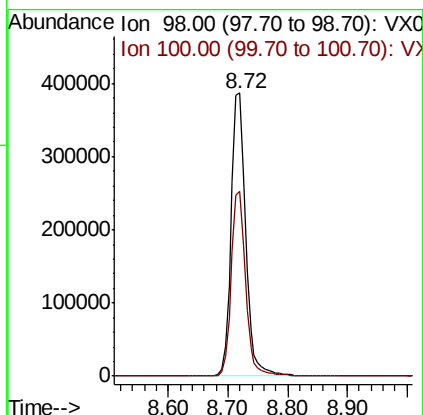
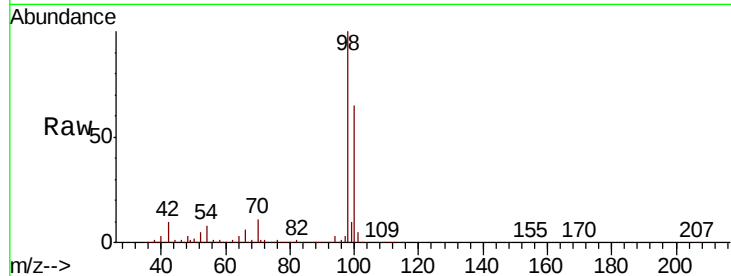




#50
Toluene-d8
Concen: 50.977 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

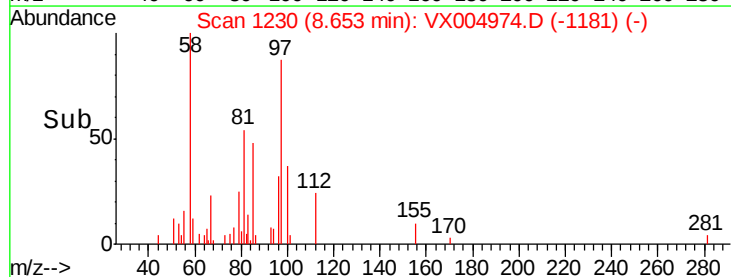
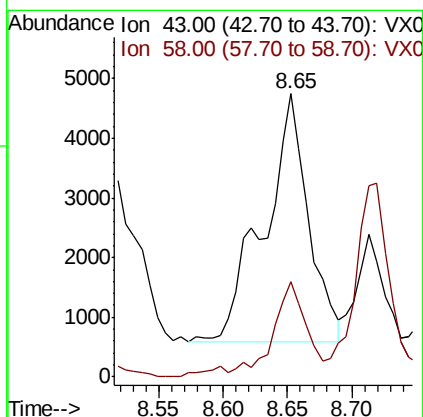
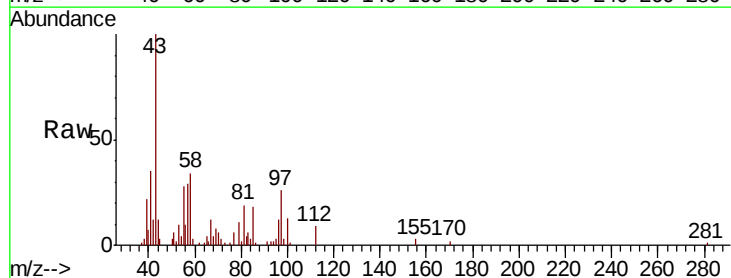
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

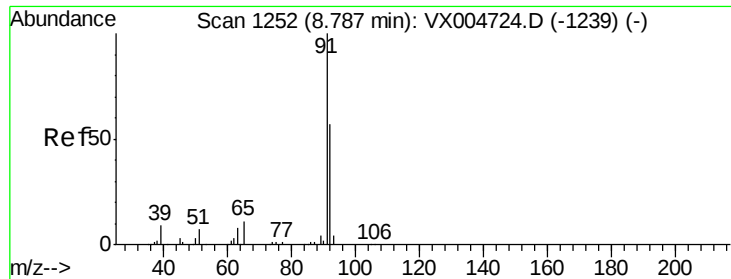
Tot Ion: 98 Resp: 657197
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.580 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 43 Resp: 10084
Ion Ratio Lower Upper
43 100
58 26.7 30.5 45.7#





#52

Toluene

Concen: 13.476 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

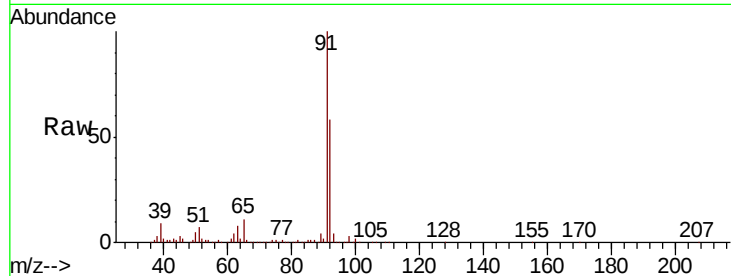
PB113446TB

Tot Ion: 92 Resp: 122657

Ion Ratio Lower Upper

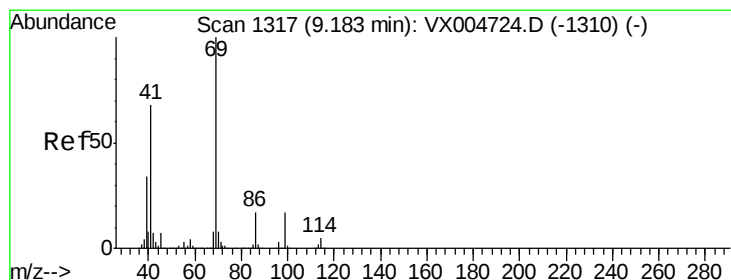
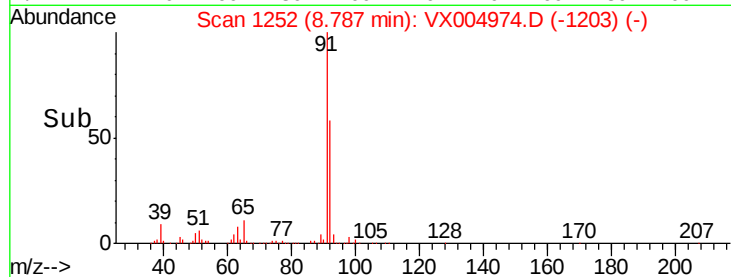
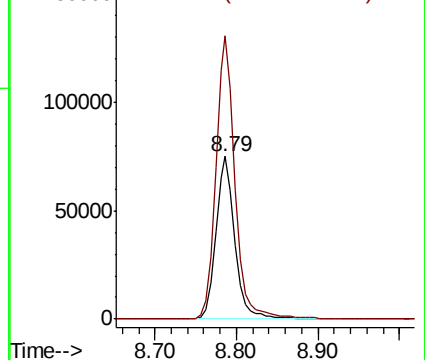
92 100

91 175.4 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 3.122 ug/l

RT: 9.20 min Scan# 1320

Delta R.T. 0.02 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

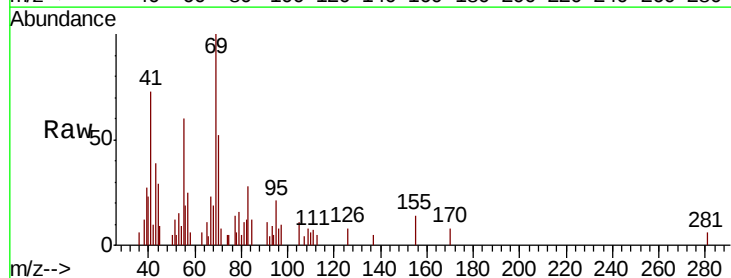
Tgt Ion: 69 Resp: 1787

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

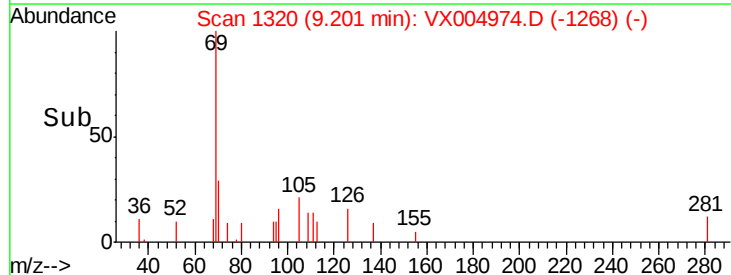
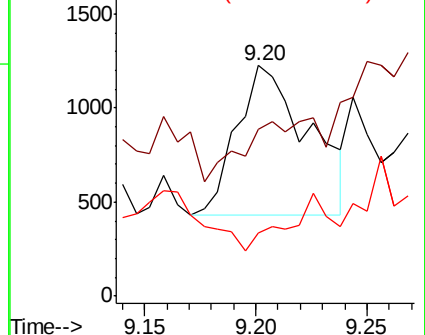
39 0.0 28.4 42.6#

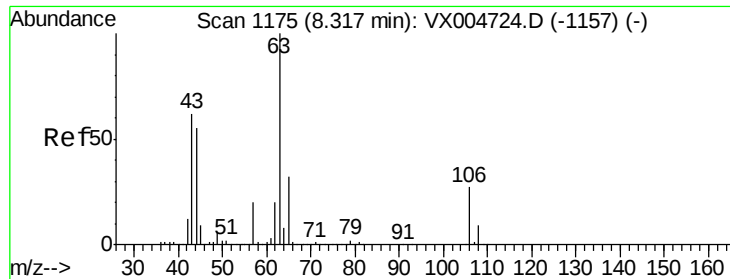


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

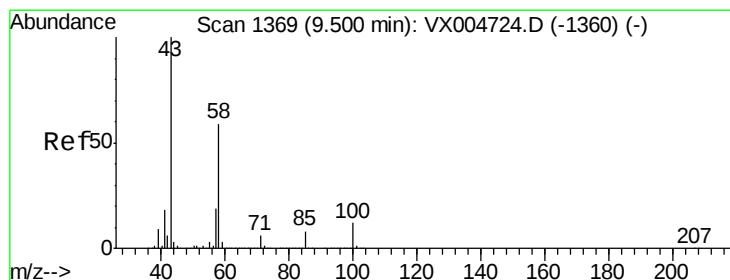
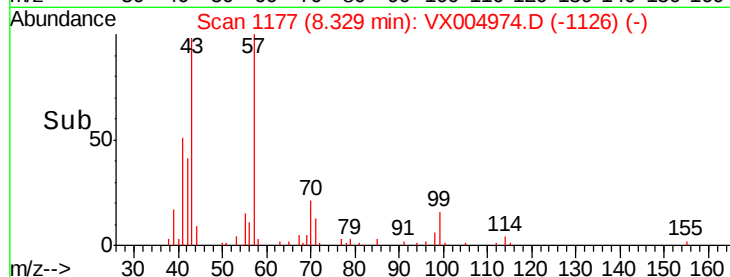
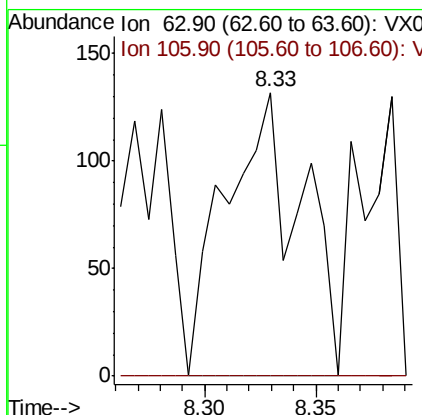
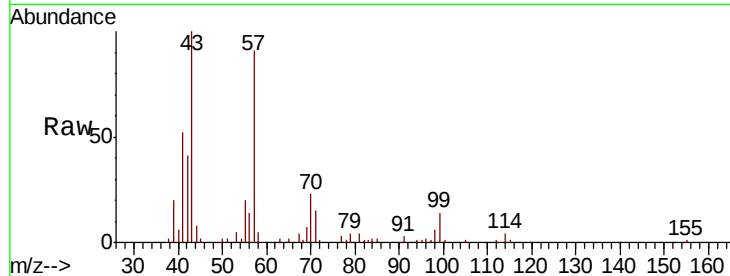




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.328 ug/l
 RT: 8.33 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

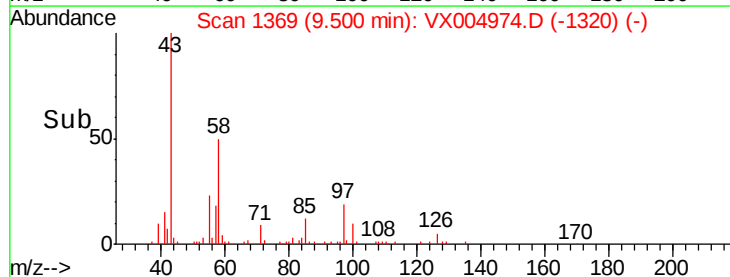
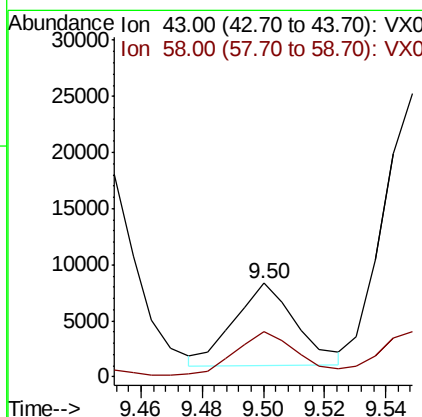
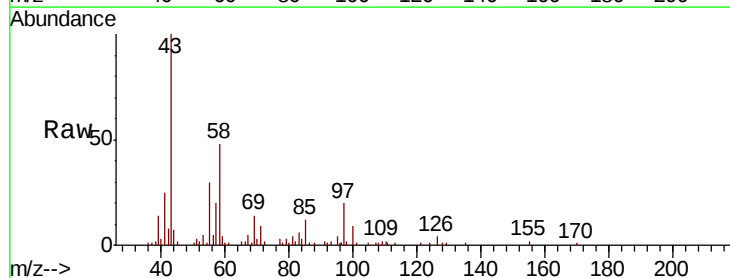
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

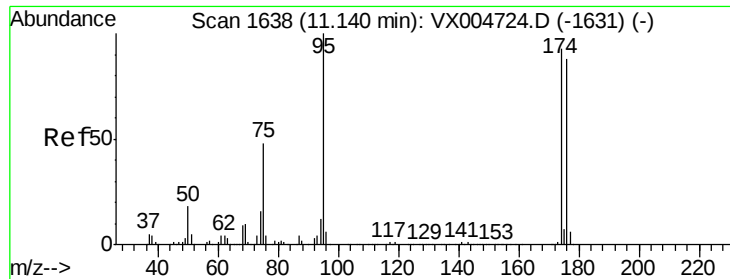
Tot Ion: 63 Resp: 314
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 1.925 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Tgt Ion: 43 Resp: 10238
 Ion Ratio Lower Upper
 43 100
 58 54.7 28.4 85.3

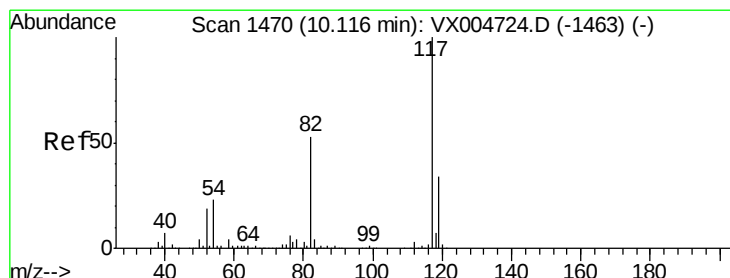
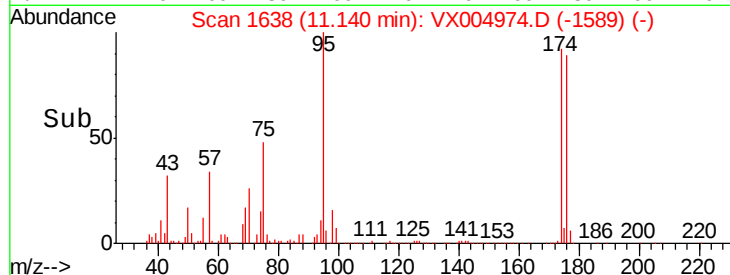
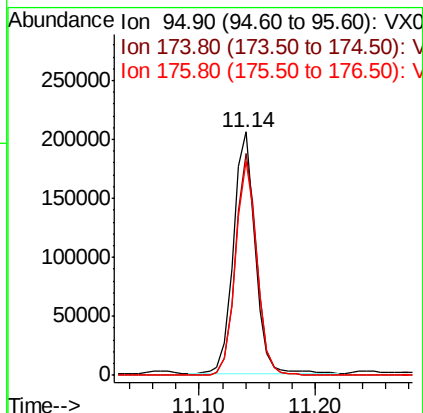
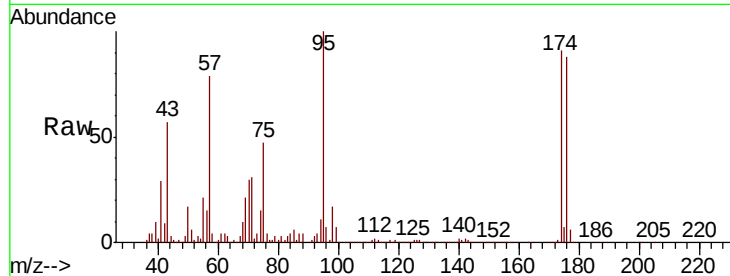




#62
4-Bromofluorobenzene
Concen: 57.865 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

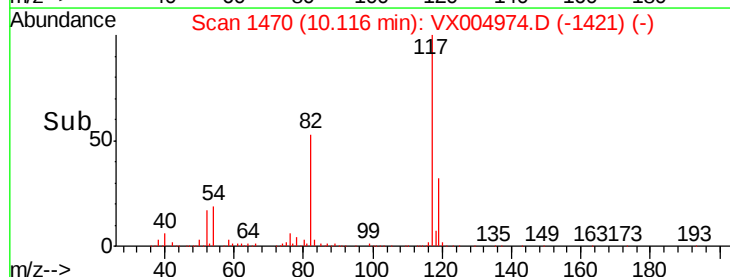
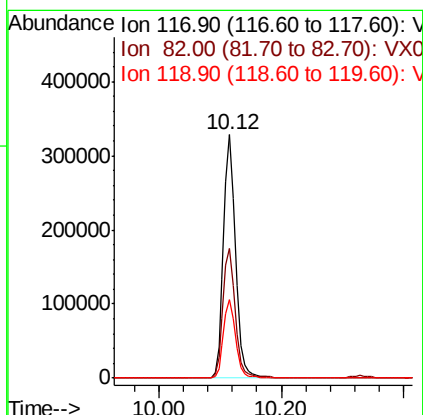
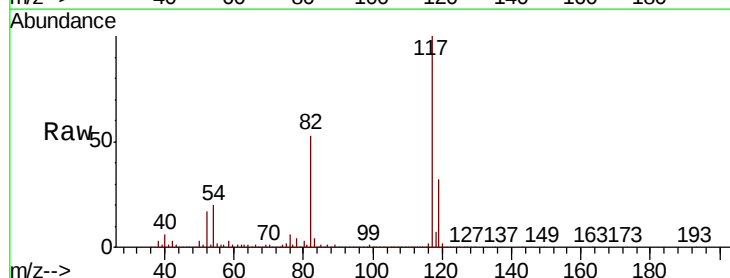
Instrument :
MSVOA_X
ClientSampleId :
PB113446TB

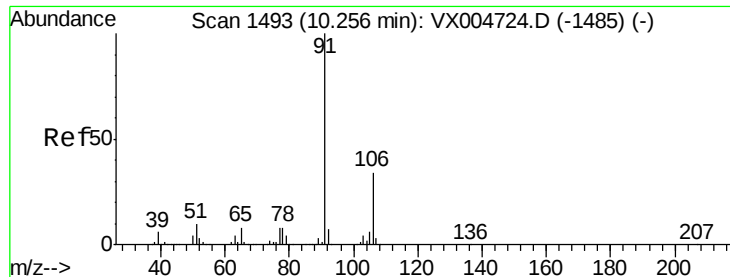
Tot Ion: 95 Resp: 268753
Ion Ratio Lower Upper
95 100
174 89.1 0.0 185.0
176 87.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion: 117 Resp: 453321
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.0 27.4 41.0





#67

Ethyl Benzene

Concen: 10.023 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleID :

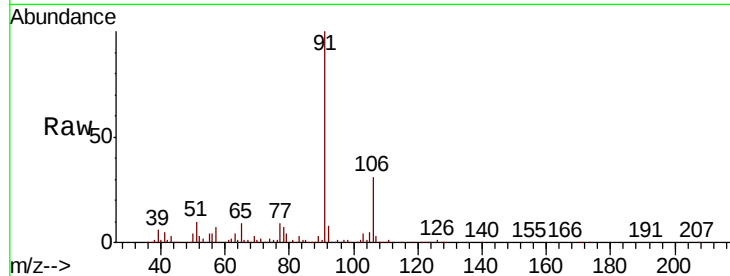
PB113446TB

Tot Ion: 91 Resp: 184979

Ion Ratio Lower Upper

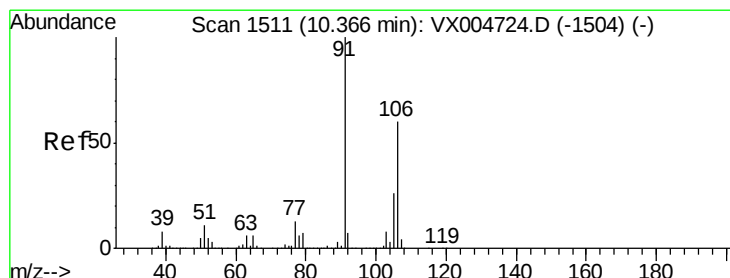
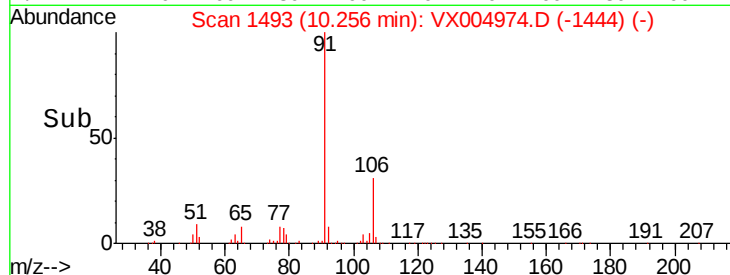
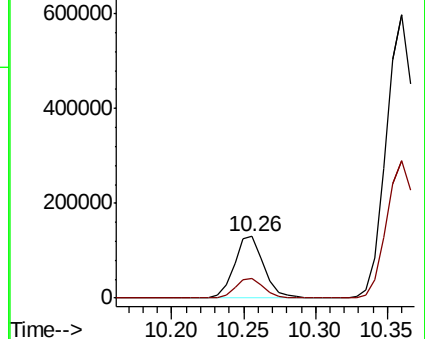
91 100

106 31.3 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 56.980 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004974.D

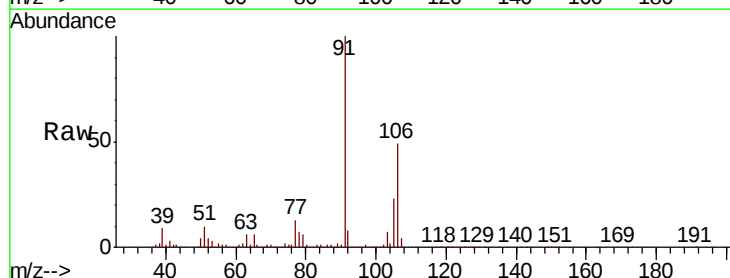
Acq: 03 Oct 2018 17:33

Tgt Ion: 106 Resp: 410926

Ion Ratio Lower Upper

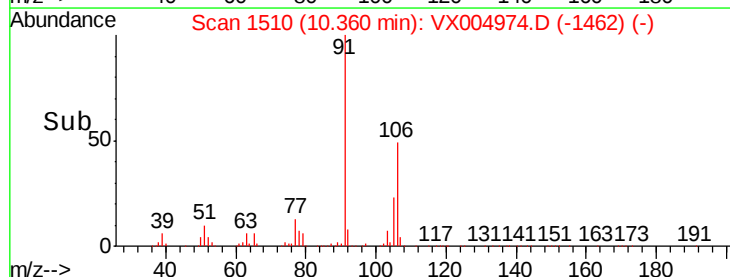
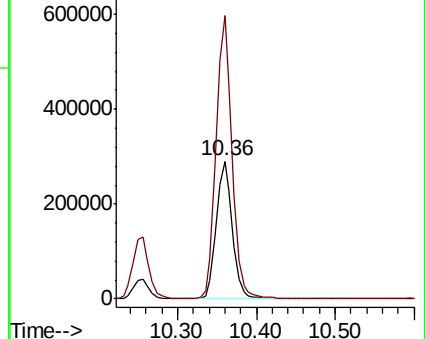
106 100

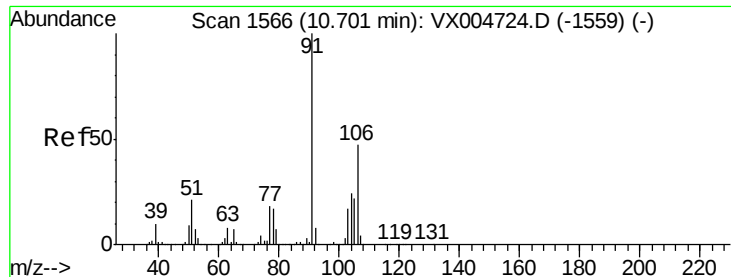
91 204.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

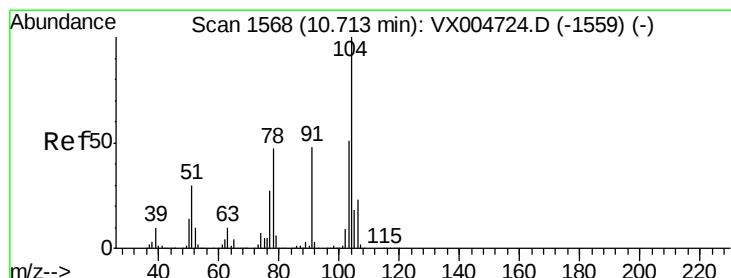
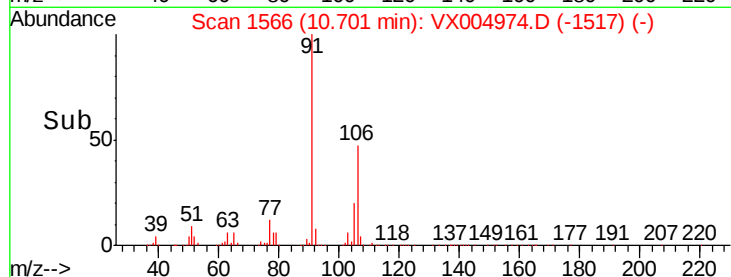
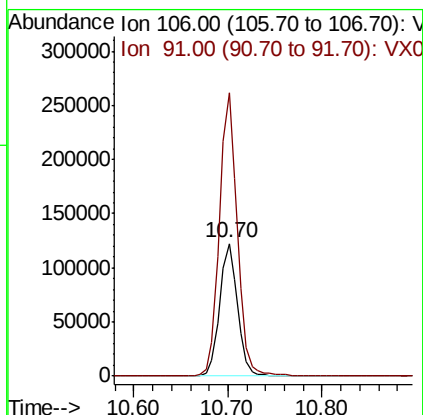
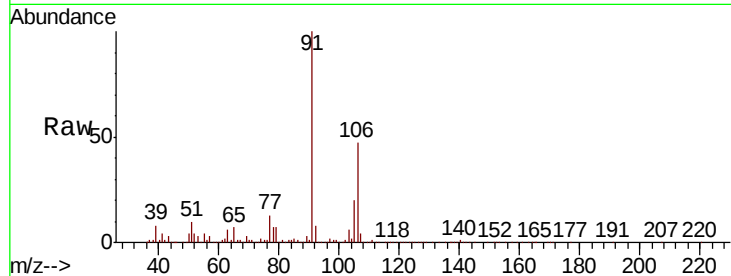




#69
o-Xylene
Concen: 24.153 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

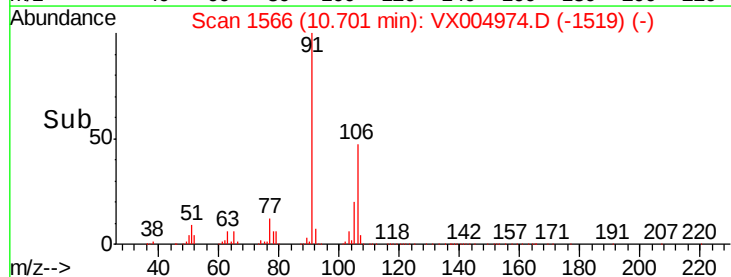
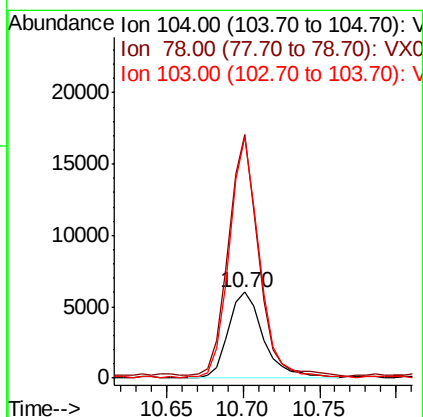
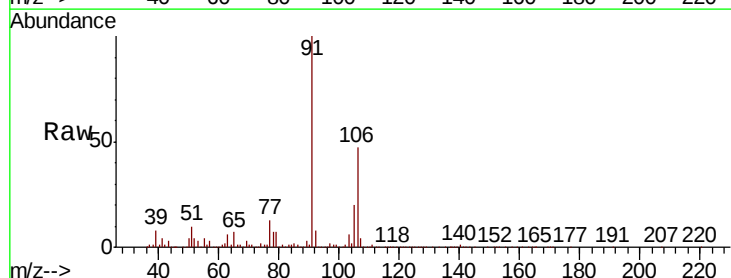
Instrument :
MSVOA_X
ClientSampled :
PB113446TB

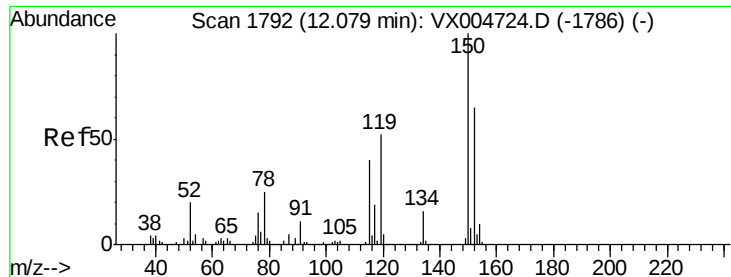
Tot Ion:106 Resp: 159991
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.8



#70
Styrene
Concen: 2.890 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX004974.D
Acq: 03 Oct 2018 17:33

Tgt Ion:104 Resp: 9699
Ion Ratio Lower Upper
104 100
78 236.9 40.0 60.0#
103 237.2 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

PB113446TB

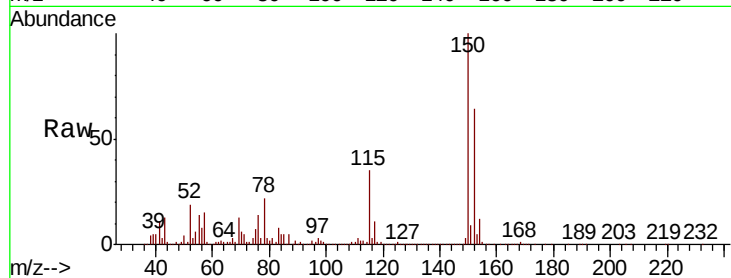
Tot Ion:152 Resp: 277909

Ion Ratio Lower Upper

152 100

115 55.7 40.2 120.6

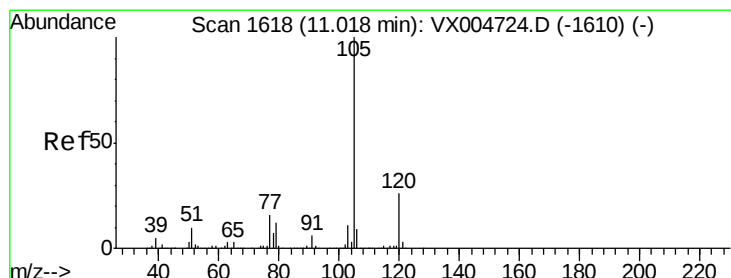
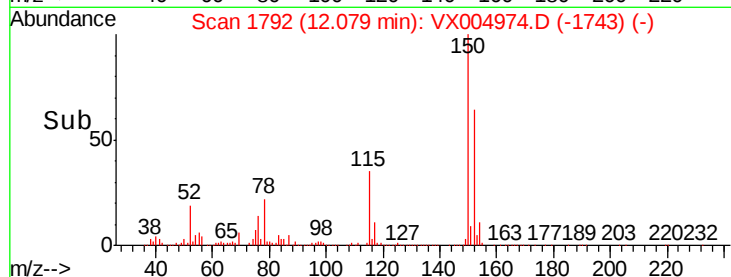
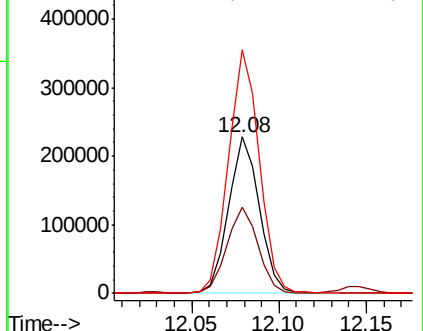
150 156.7 0.0 351.0



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



#73

Isopropylbenzene

Concen: 1.504 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004974.D

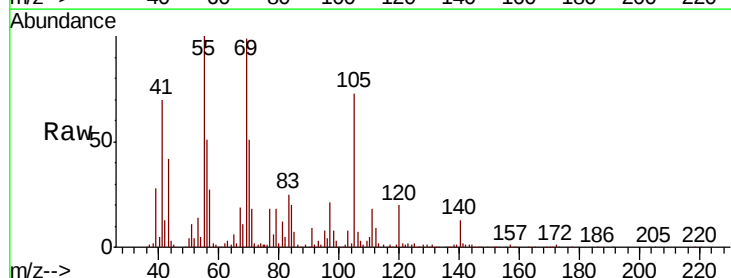
Acq: 03 Oct 2018 17:33

Tgt Ion:105 Resp: 26344

Ion Ratio Lower Upper

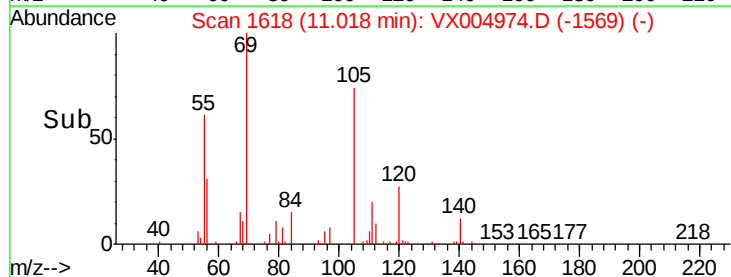
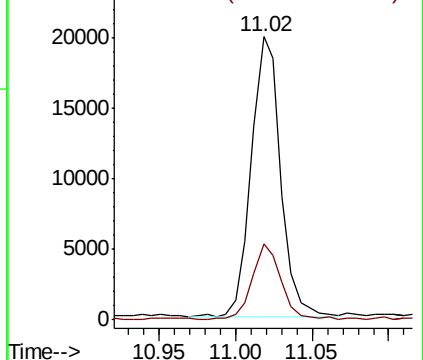
105 100

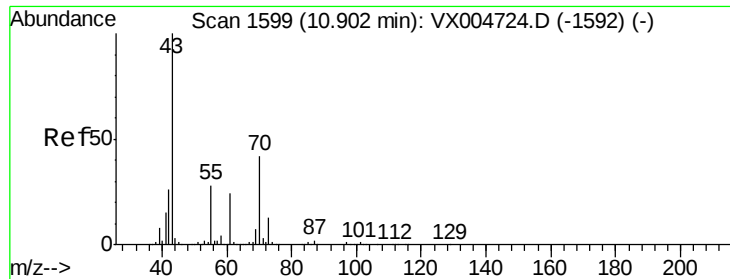
120 27.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.260 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

PB113446TB

Tot Ion: 43 Resp: 45017

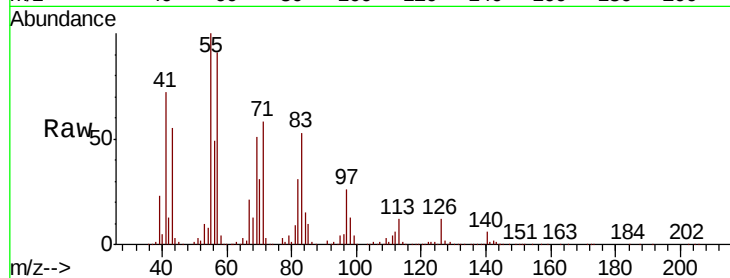
Ion Ratio Lower Upper

43 100

70 70.4 32.6 48.8#

55 198.5 21.6 32.4#

61 0.0 19.1 28.7#

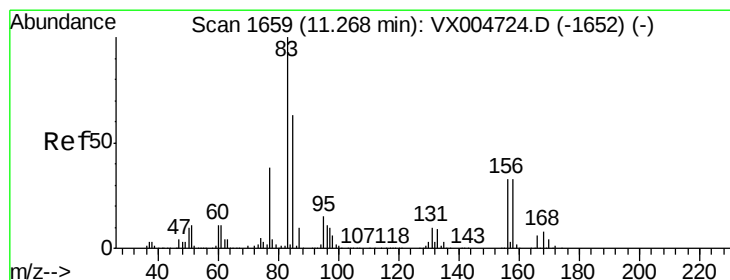
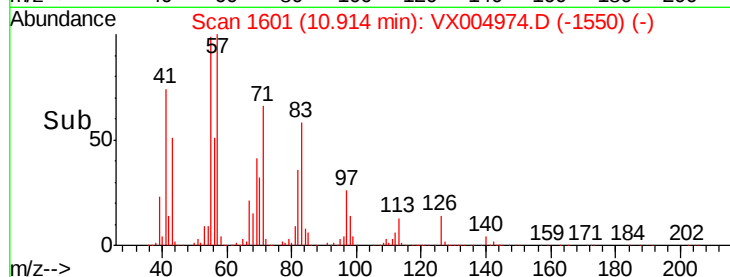
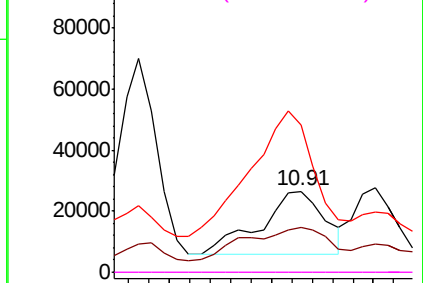


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.824 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

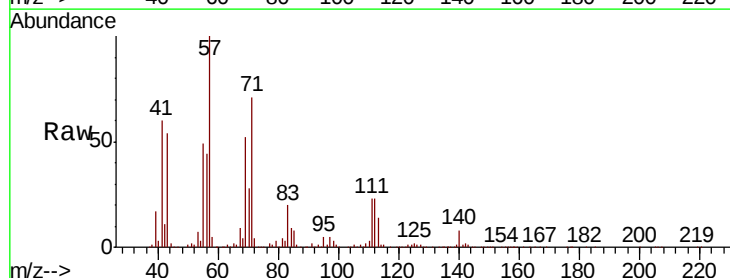
Tgt Ion: 83 Resp: 27267

Ion Ratio Lower Upper

83 100

131 1.5 5.1 15.3#

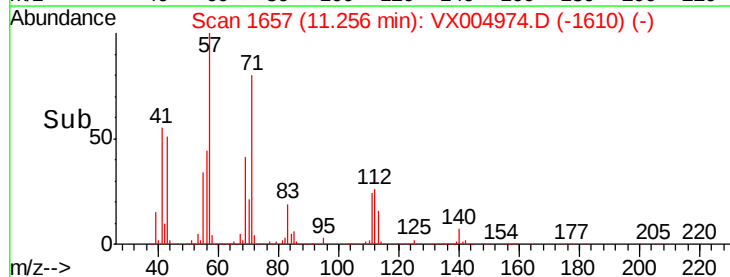
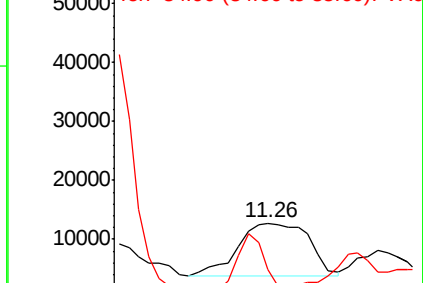
85 0.0 31.9 95.9#

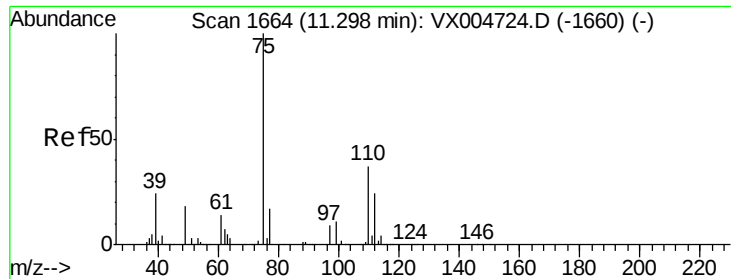


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.114 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

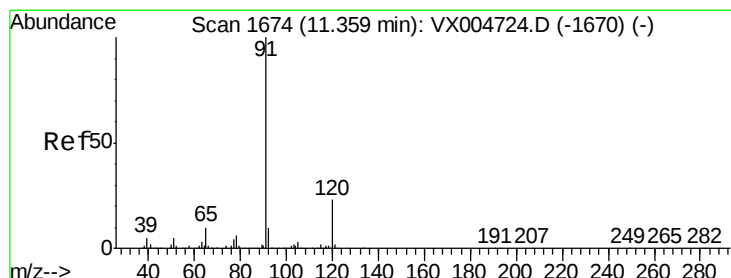
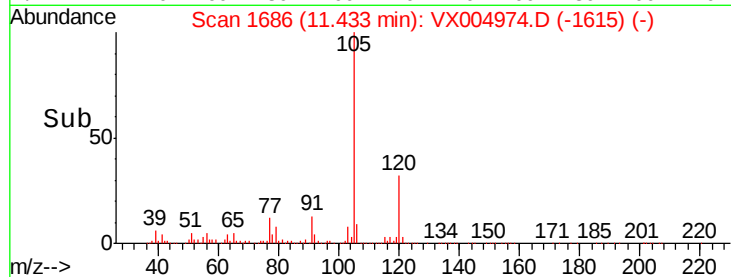
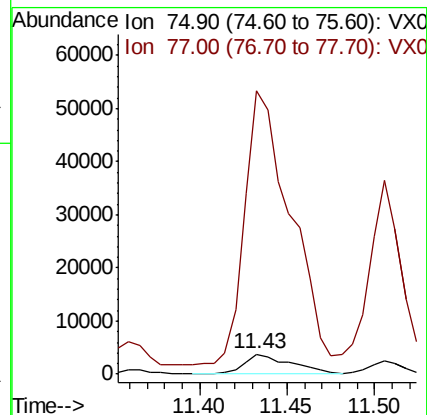
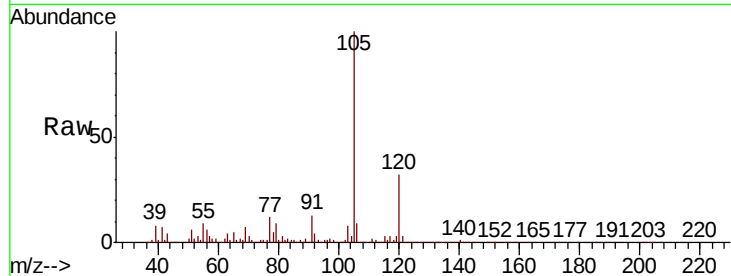
PB113446TB

Tot Ion: 75 Resp: 6941

Ion Ratio Lower Upper

75 100

77 1385.3 21.4 64.3#



#78

n-propylbenzene

Concen: 8.540 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004974.D

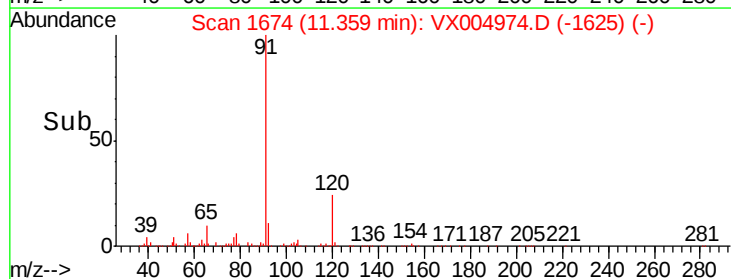
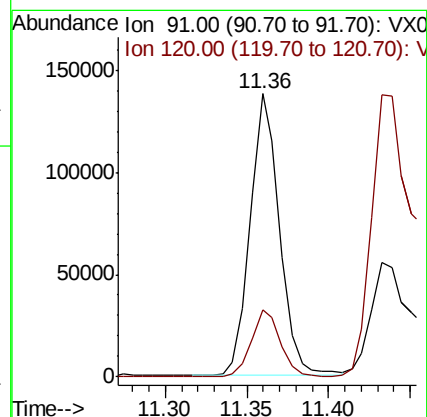
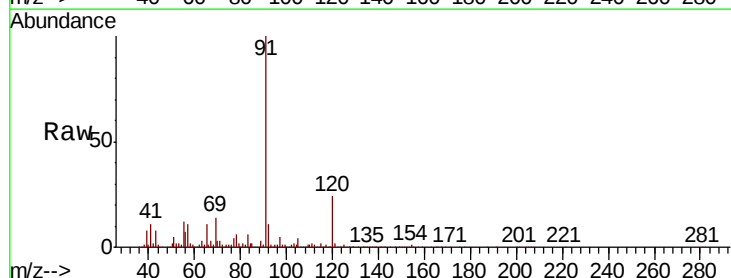
Acq: 03 Oct 2018 17:33

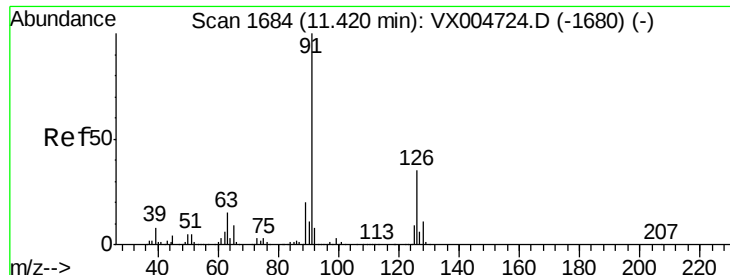
Tgt Ion: 91 Resp: 171644

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0

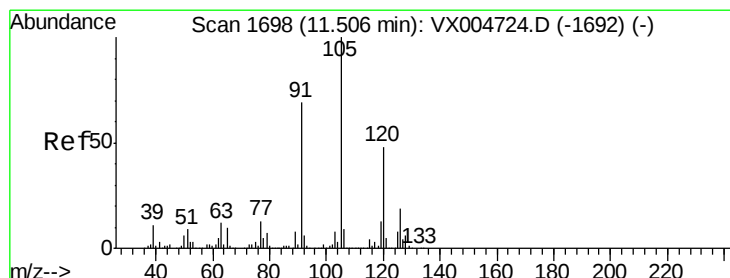
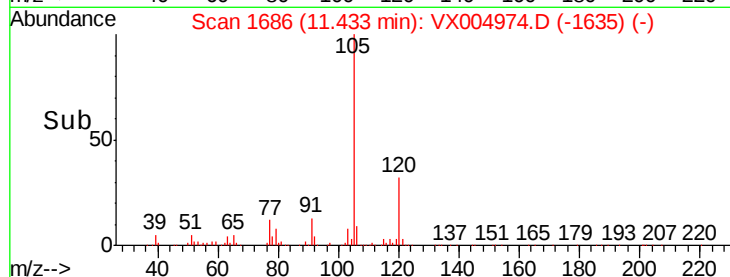
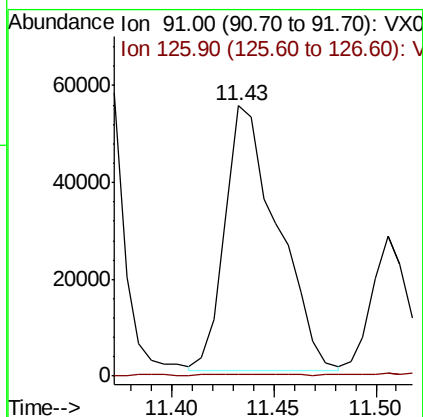
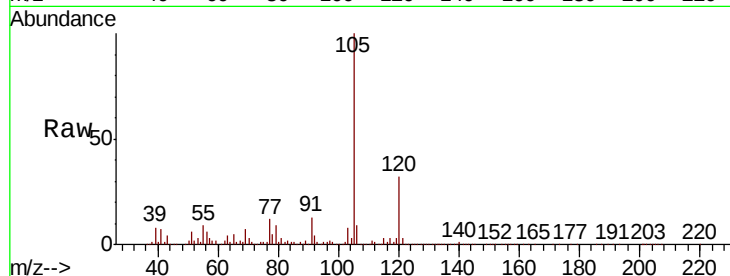




#79
 2-Chlorotoluene
 Concen: 7.868 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

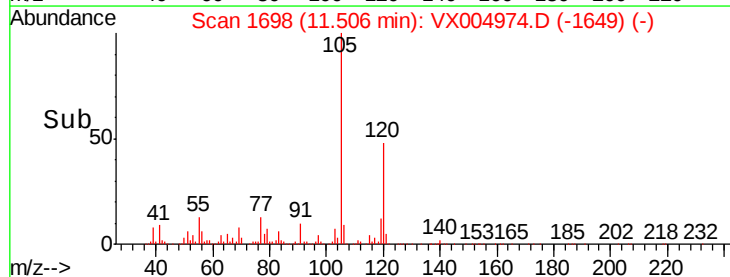
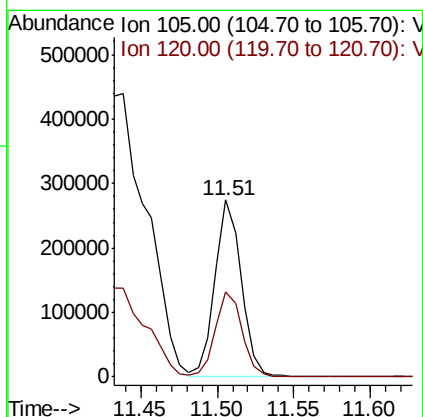
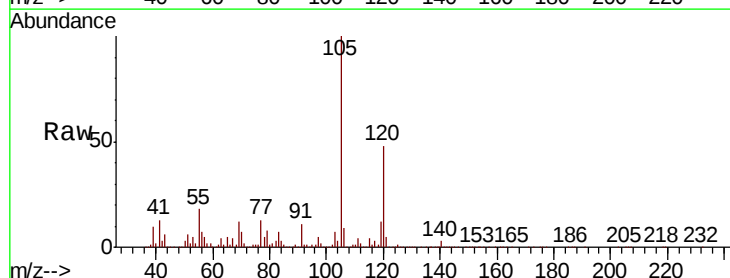
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

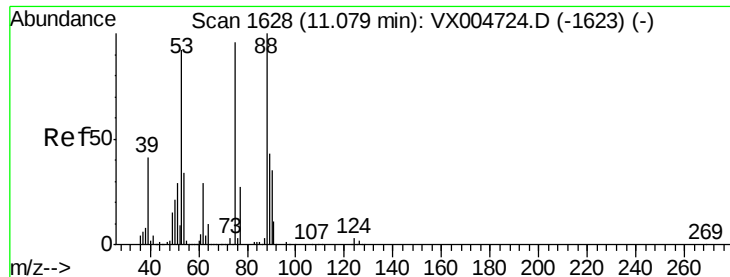
Tot Ion: 91 Resp: 98563
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 20.334 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Tgt Ion: 105 Resp: 328350
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.530 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampled :

PB113446TB

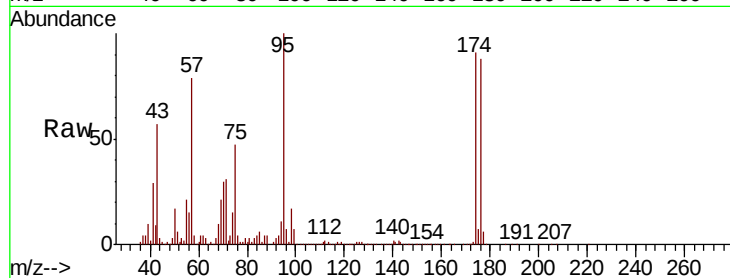
Tot Ion: 75 Resp: 127346

Ion Ratio Lower Upper

75 100

53 9.2 80.2 120.4#

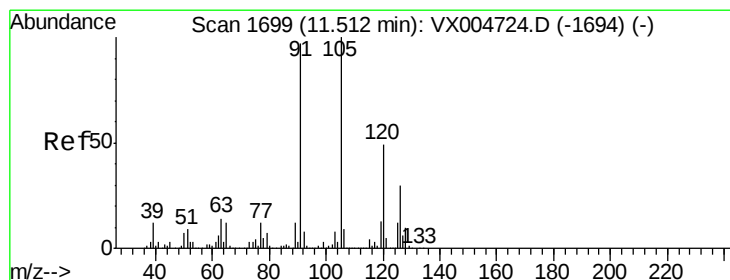
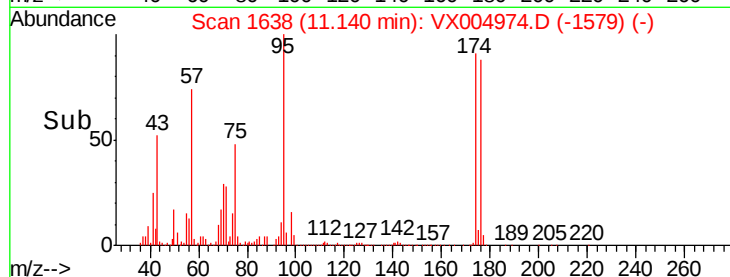
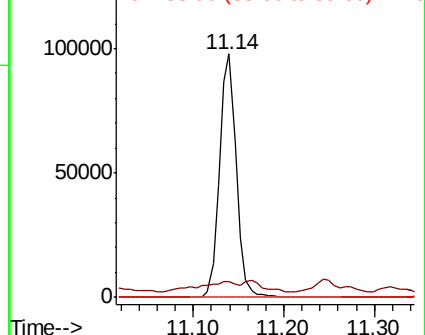
89 0.2 37.1 55.7#



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: 2.377 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004974.D

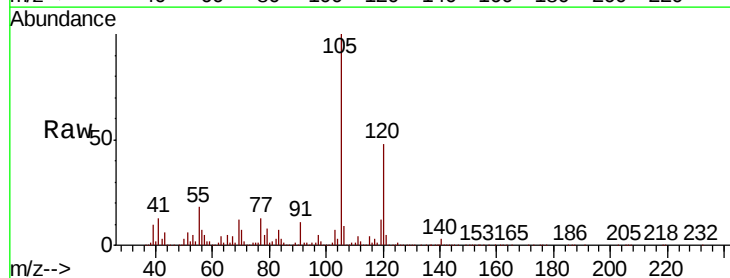
Acq: 03 Oct 2018 17:33

Tgt Ion: 91 Resp: 35054

Ion Ratio Lower Upper

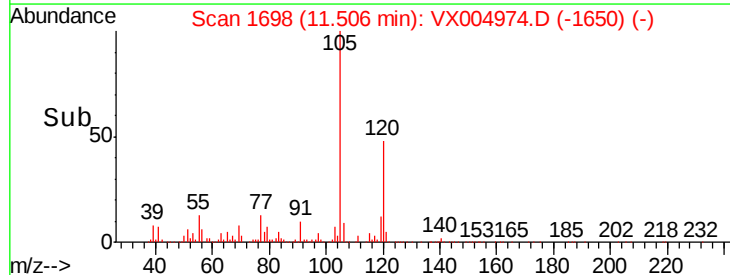
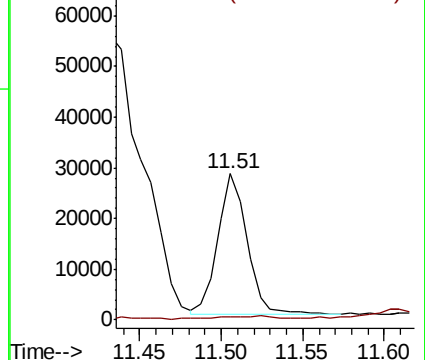
91 100

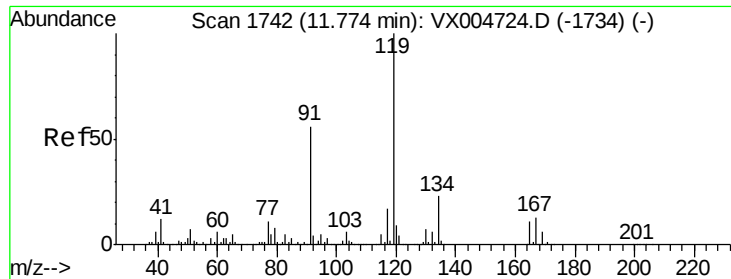
126 4.6 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

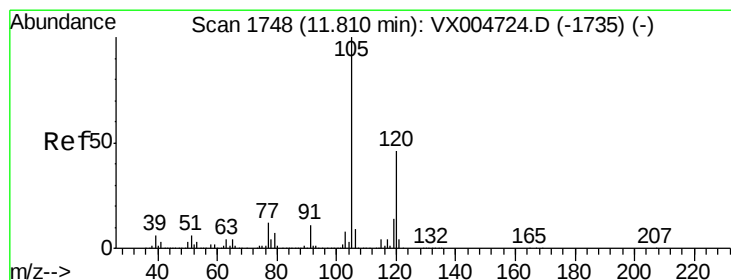
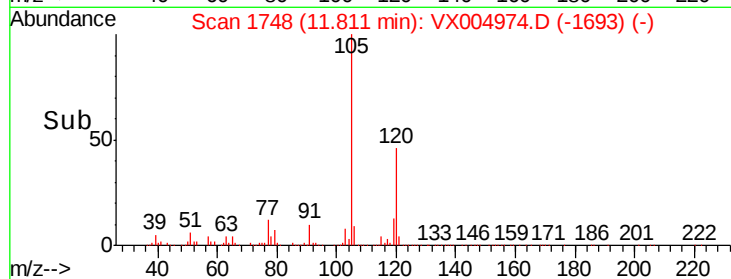
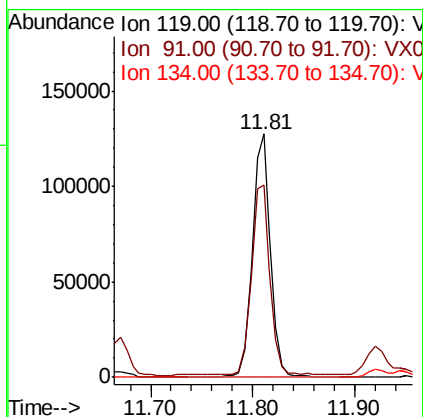
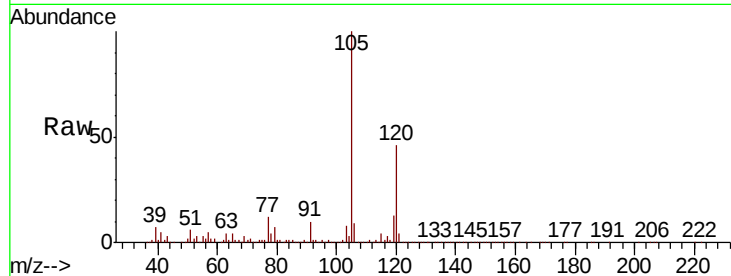




#83
 tert-Butylbenzene
 Concen: 10.838 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

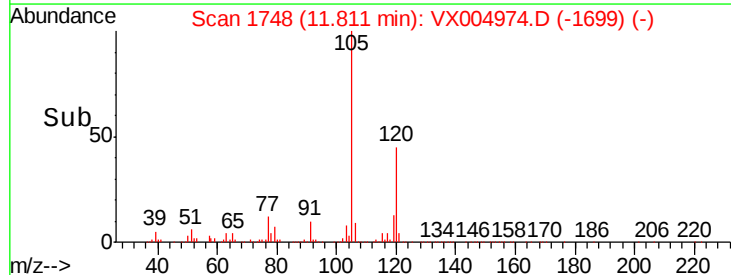
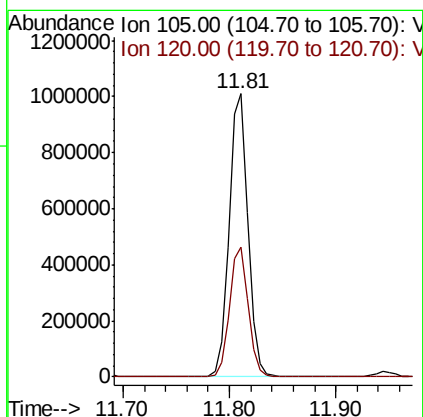
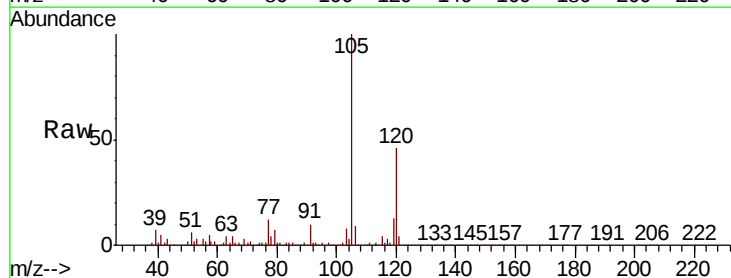
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

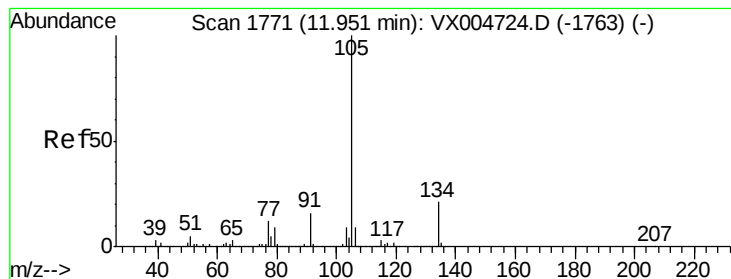
Tot Ion:119 Resp: 156302
 Ion Ratio Lower Upper
 119 100
 91 82.5 27.5 82.5#
 134 0.0 11.5 34.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 75.591 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Tgt Ion:105 Resp: 1249884
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 71.150 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleID :

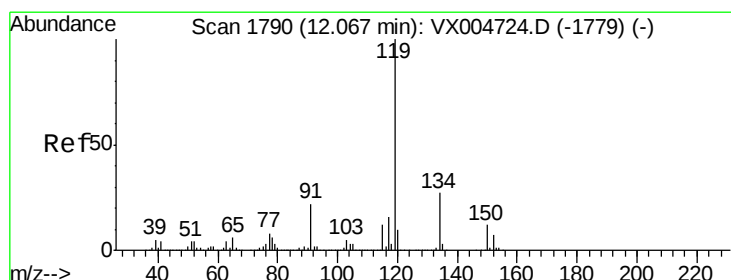
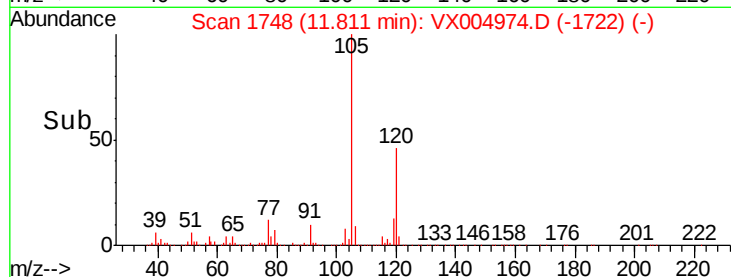
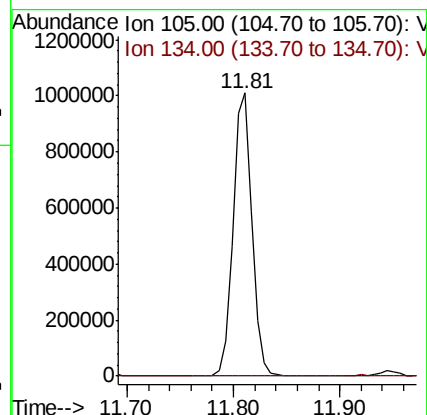
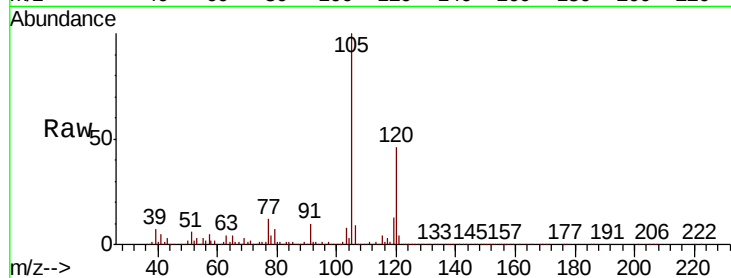
PB113446TB

Tot Ion:105 Resp: 1249884

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 0.933 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

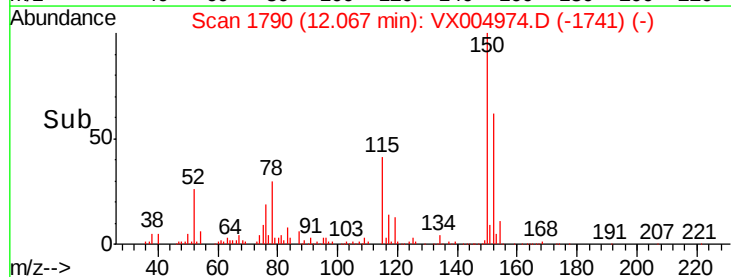
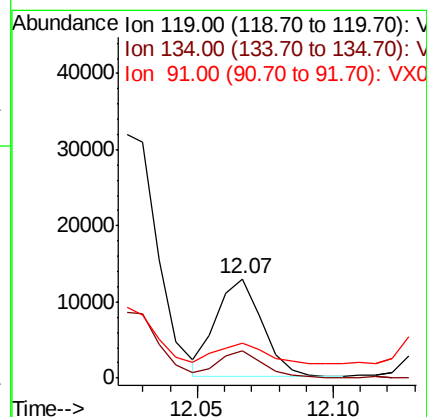
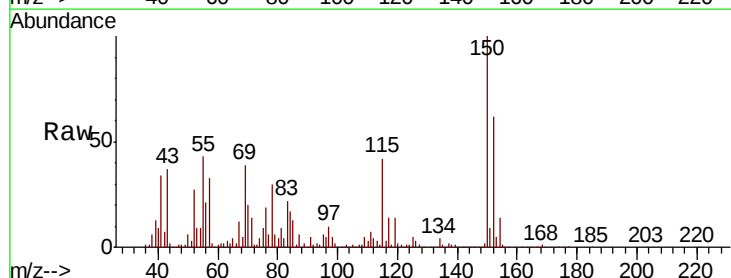
Tgt Ion:119 Resp: 14857

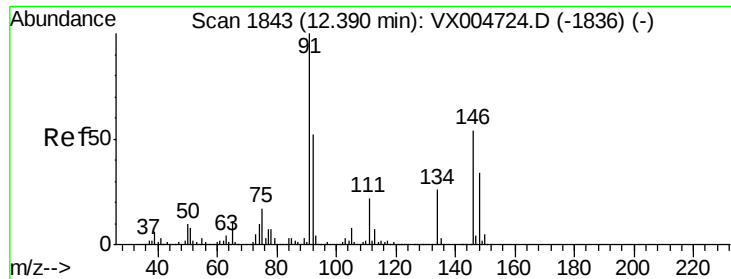
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

91 25.9 11.5 34.4





#89

n-Butylbenzene

Concen: 11.000 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampled :

PB113446TB

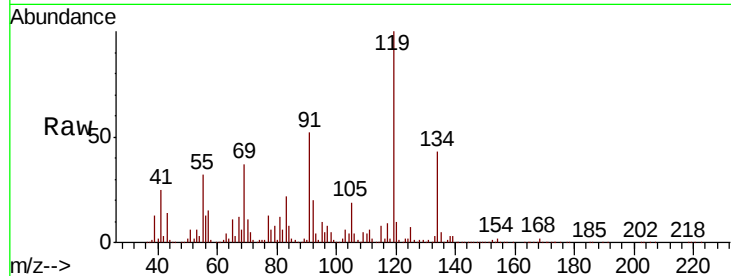
Tot Ion: 91 Resp: 158992

Ion Ratio Lower Upper

91 100

92 34.0 26.0 78.0

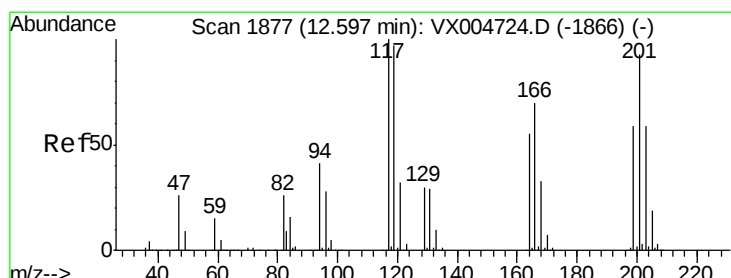
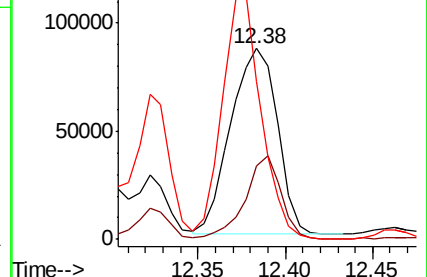
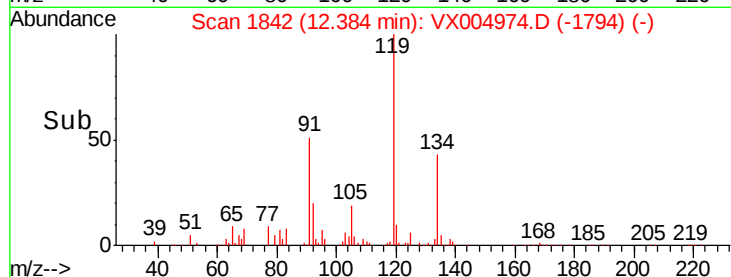
134 110.0 13.2 39.6#



Abundance Ion 91.00 (90.70 to 91.70): VX004974.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX004974.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX004974.D (-1794) (-)



#90

Hexachloroethane

Concen: 6.979 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX004974.D

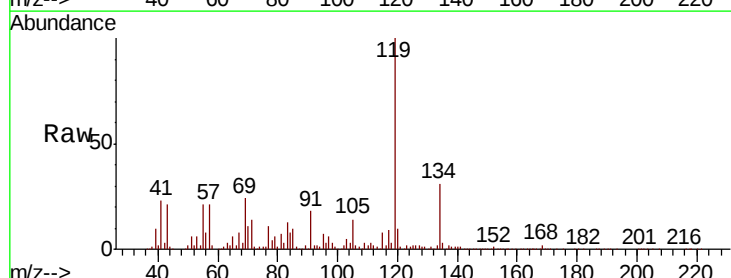
Acq: 03 Oct 2018 17:33

Tgt Ion: 117 Resp: 18493

Ion Ratio Lower Upper

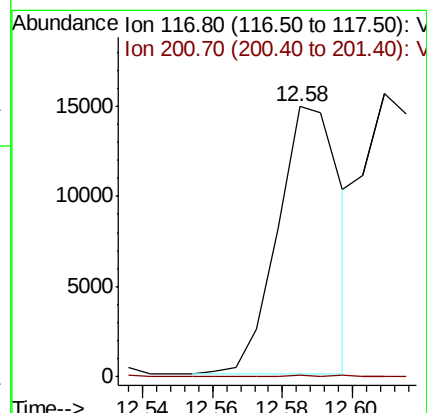
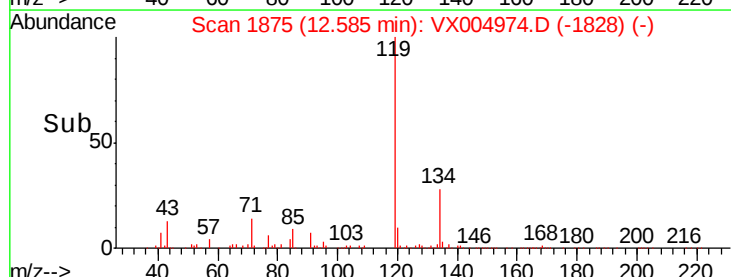
117 100

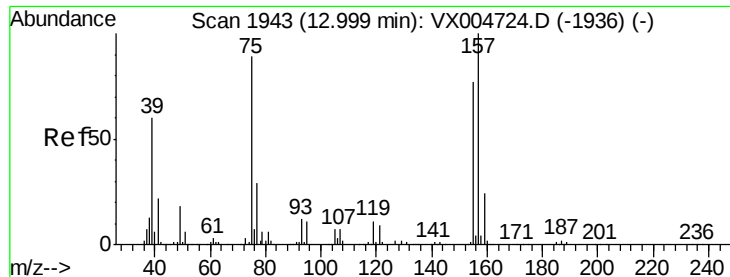
201 0.6 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): VX004974.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX004974.D (-1828) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.529 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

PB113446TB

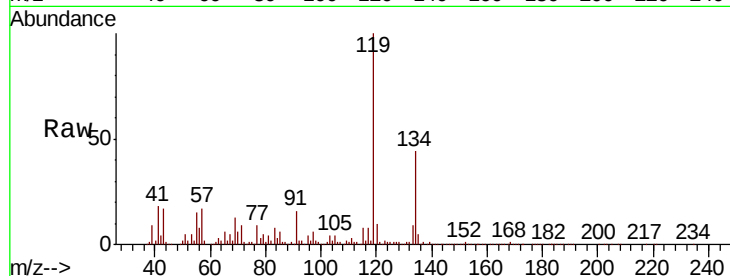
Tot Ion: 75 Resp: 2394

Ion Ratio Lower Upper

75 100

155 137.6 46.1 138.3

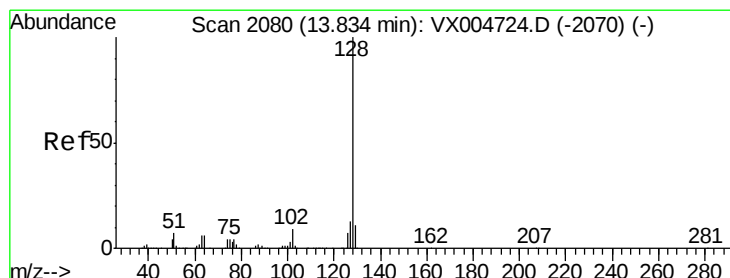
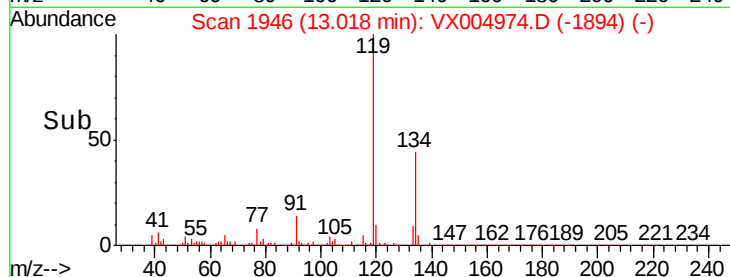
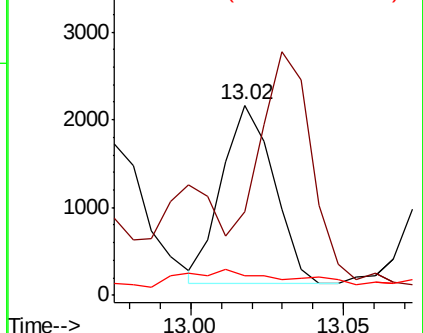
157 15.2 60.2 180.6#



Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX004724.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX004724.D (-1936) (-)



#95

Naphthalene

Concen: 23.260 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004974.D

Acq: 03 Oct 2018 17:33

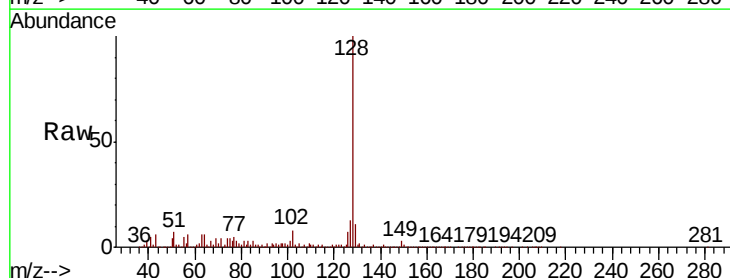
Tgt Ion: 128 Resp: 528656

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

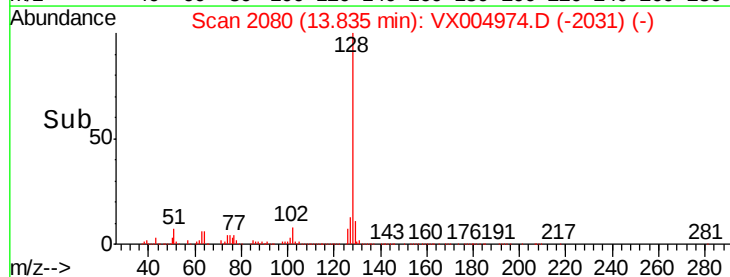
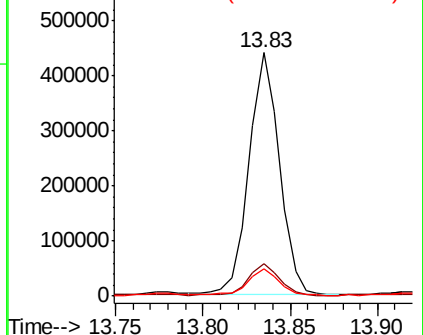
129 11.7 8.7 13.1

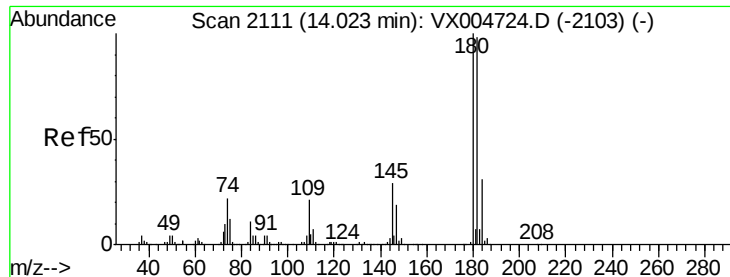


Abundance Ion 128.00 (127.70 to 128.70): VX004724.D (-2070) (-)

Ion 127.00 (126.70 to 127.70): VX004724.D (-2070) (-)

Ion 129.00 (128.70 to 129.70): VX004724.D (-2070) (-)

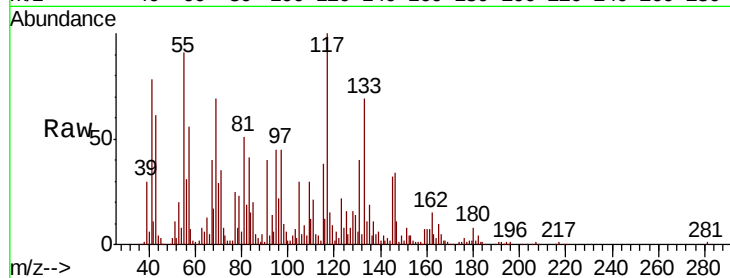




#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 14.03 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: VX004974.D
 Acq: 03 Oct 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446TB

Tot Ion:180 Resp: 1972
 Ion Ratio Lower Upper
 180 100
 182 102.0 47.9 143.8
 145 437.1 15.0 45.0#



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

