

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005015.D
 Acq On : 04 Oct 2018 12:41
 Operator : JC/MD
 Sample : J5214-04DL 1000X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48719DL

Quant Time: Oct 04 14:36:29 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	243865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175819	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	151716	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
50) Toluene-d8	8.72	98	577170	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	233553	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	850	0.211	ug/l #	70
6) Chloroethane	1.73	64	143	Below Cal	#	8
11) Tert butyl alcohol	3.06	59	3313	3.401	ug/l	95
13) Acrolein	2.30	56	211	0.304	ug/l #	10
16) Acetone	2.45	43	112108	55.122	ug/l	93
18) Methyl Acetate	2.78	43	4198	0.815	ug/l	96
20) Methylene Chloride	2.86	84	933	Below Cal		86
25) 2-Butanone	4.70	43	130176	43.423	ug/l	100
29) Tetrahydrofuran	5.17	42	1491	0.800	ug/l #	82
31) Cyclohexane	5.57	56	3380	0.763	ug/l #	65
36) 1,1-Dichloropropene	5.66	75	16589	3.513	ug/l #	45
37) Ethyl Acetate	4.70	43	130176	20.768	ug/l #	70
38) Carbon Tetrachloride	5.67	117	21418	4.315	ug/l #	18
39) Methylcyclohexane	7.46	83	10499	2.177	ug/l #	83
40) Benzene	6.14	78	30027	2.031	ug/l	95
42) 1,2-Dichloroethane	6.20	62	4032	0.772	ug/l	85
51) 4-Methyl-2-Pentanone	8.65	43	15467	2.715	ug/l	99
52) Toluene	8.79	92	179377	22.082	ug/l	97
56) Ethyl methacrylate	9.17	69	705	2.977	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	20	14.248	ug/l #	49
59) 2-Hexanone	9.50	43	31495	6.635	ug/l	96
67) Ethyl Benzene	10.26	91	870433	53.636	ug/l	97
68) m/p-Xylenes	10.36	106	1960258	309.111	ug/l	97
69) o-Xylene	10.70	106	1033675	177.463	ug/l	99
70) Styrene	10.70	104	50958	6.618	ug/l #	1
73) Isopropylbenzene	11.02	105	174020	11.937	ug/l	99
74) N-amyl acetate	10.95	43	24236	4.667	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.28	83	4062	0.685	ug/l #	1
76) 1,2,3-Trichloropropane	11.36	75	5795	1.118	ug/l #	1
78) n-propylbenzene	11.36	91	1001006	59.846	ug/l	99
79) 2-Chlorotoluene	11.44	91	600998	57.645	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1958374	146.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	109410	57.264	ug/l #	11
82) 4-Chlorotoluene	11.51	91	199746	16.277	ug/l #	45

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 Response via : Initial Calibration

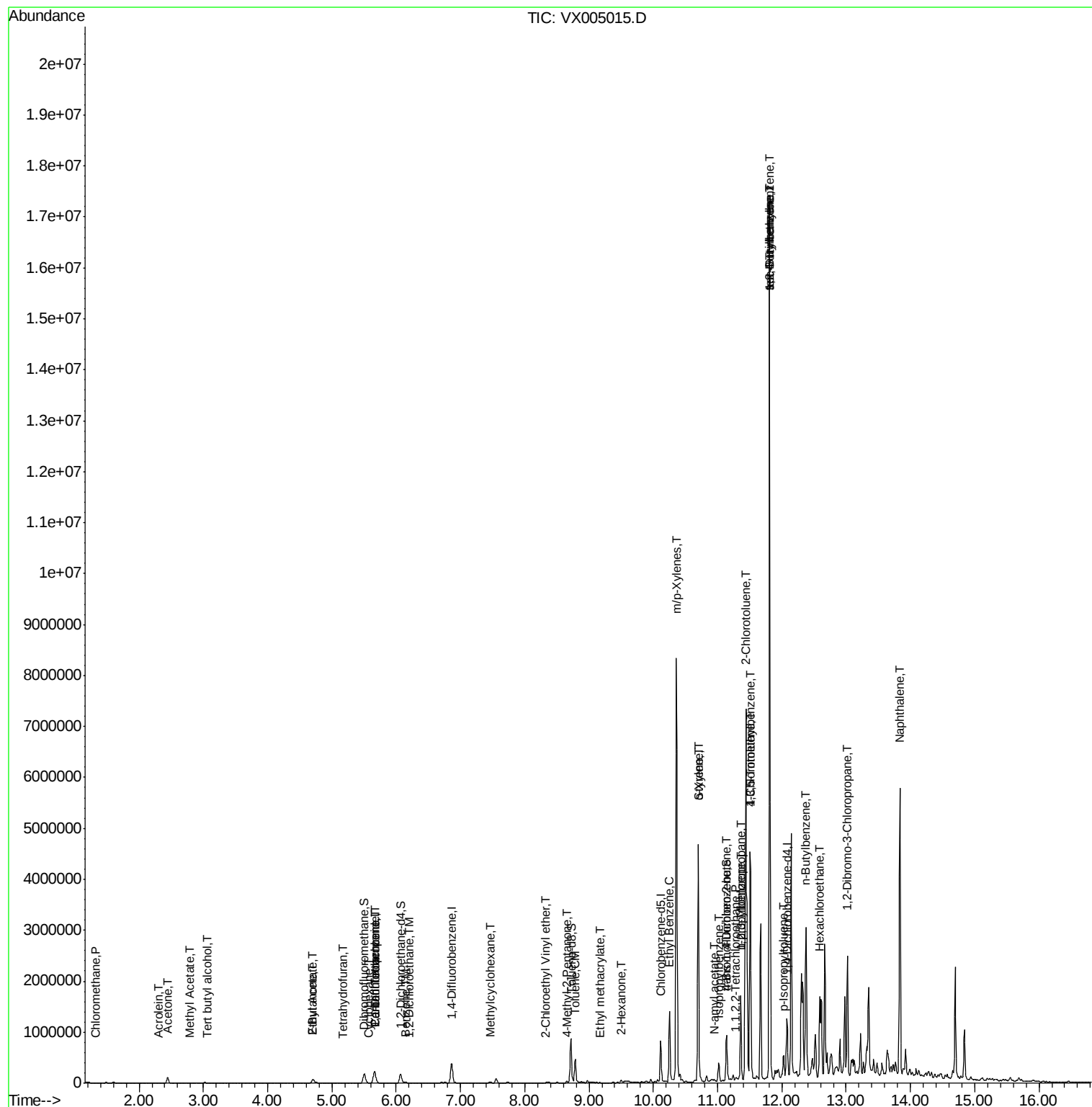
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	962337	80.179	uq/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	7282242	530.407	uq/l	97
85) sec-Butylbenzene	11.81	105	7282242	498.126	uq/l #	56
86) p-Isopropyltoluene	12.02	119	164020	12.383	uq/l	98
89) n-Butylbenzene	12.38	91	418198	34.766	uq/l #	19
90) Hexachloroethane	12.59	117	73663	33.403	uq/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	6653	5.106	uq/l #	17
95) Naphthalene	13.83	128	3405415	175.190	uq/l	100

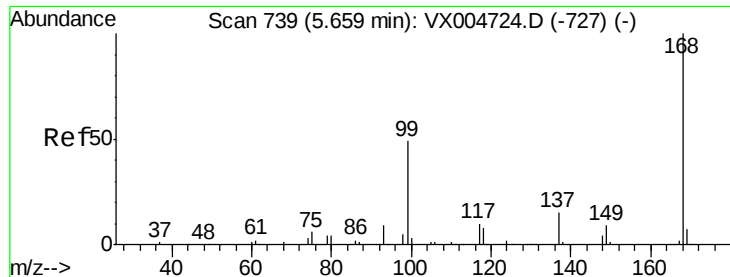
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

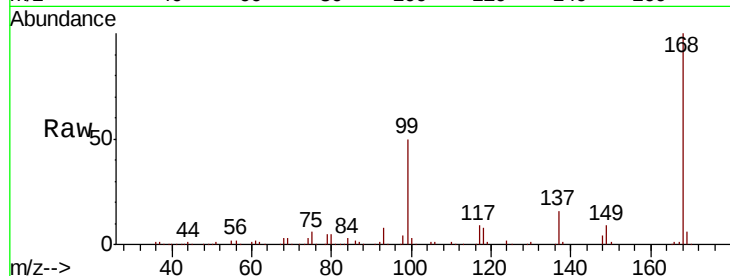
N48719DL

Tot Ion:168 Resp: 243865

Ion Ratio Lower Upper

168 100

99 50.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

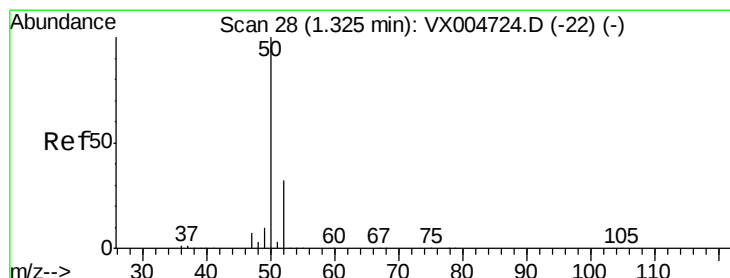
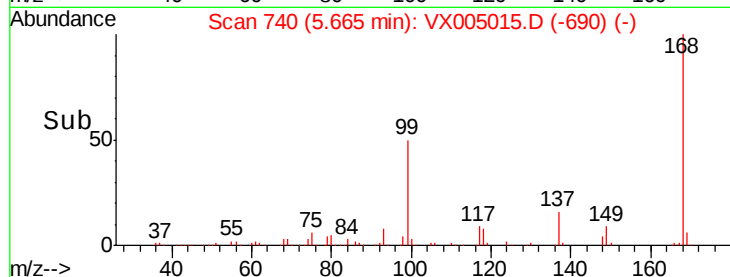
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.211 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005015.D

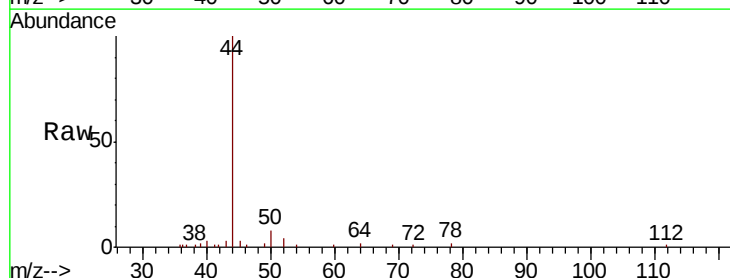
Acq: 04 Oct 2018 12:41

Tgt Ion: 50 Resp: 850

Ion Ratio Lower Upper

50 100

52 49.2 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

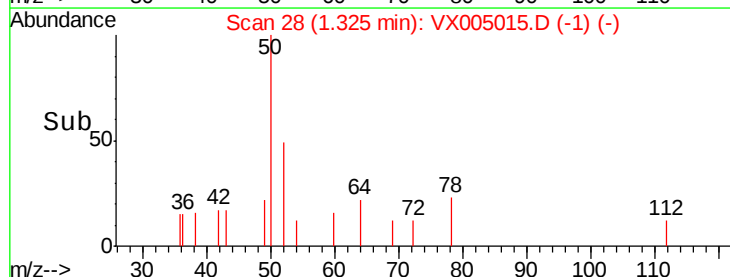
300

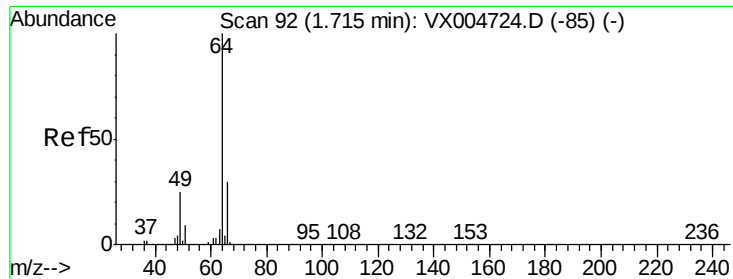
200

100

0

Time--> 1.25 1.30 1.35 1.40





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

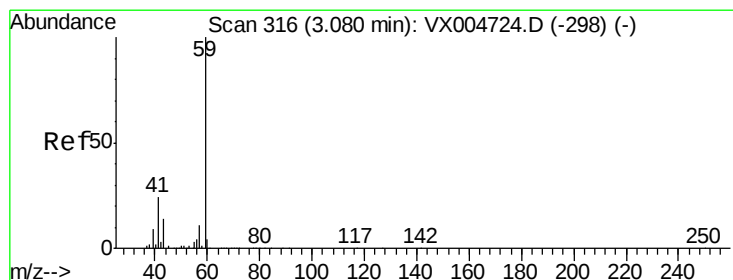
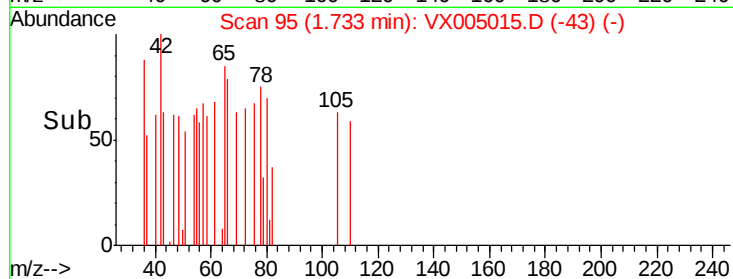
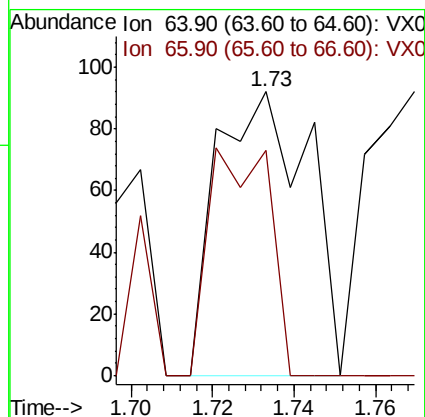
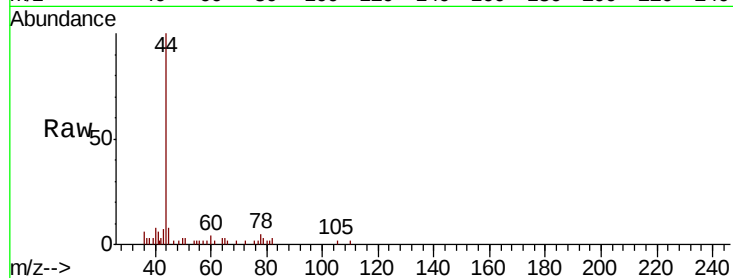
N48719DL

Tot Ion: 64 Resp: 143

Ion Ratio Lower Upper

64 100

66 79.3 23.8 35.6#



#11

Tert butyl alcohol

Concen: 3.401 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005015.D

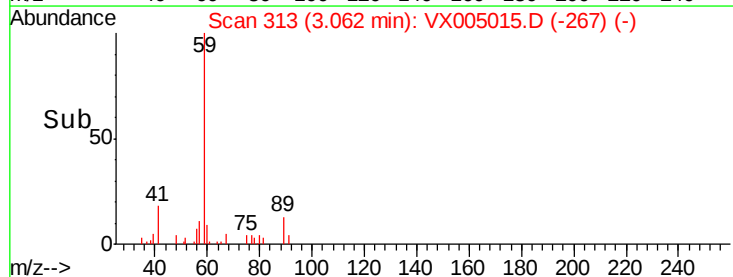
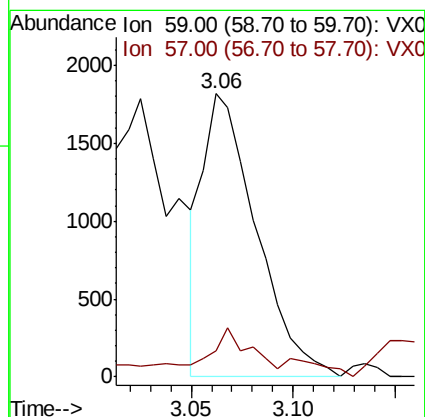
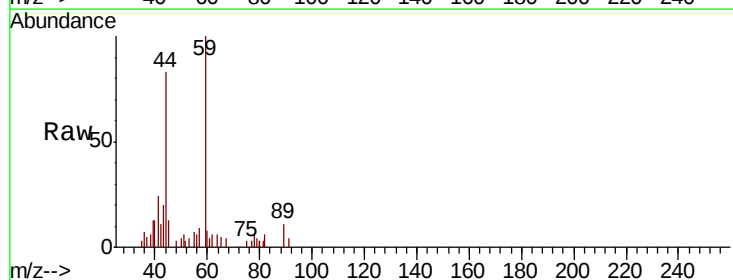
Acq: 04 Oct 2018 12:41

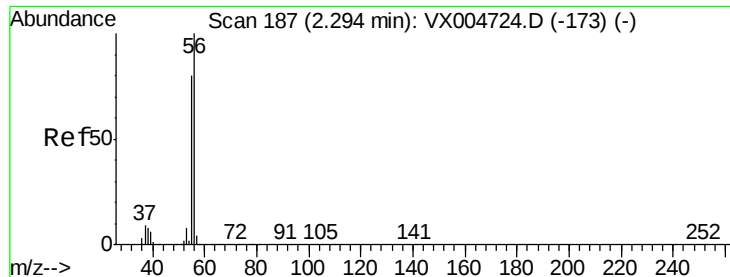
Tgt Ion: 59 Resp: 3313

Ion Ratio Lower Upper

59 100

57 12.6 8.6 12.8





#13

Acrolein

Concen: 0.304 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

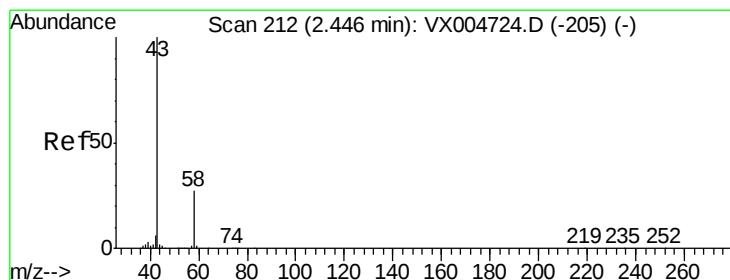
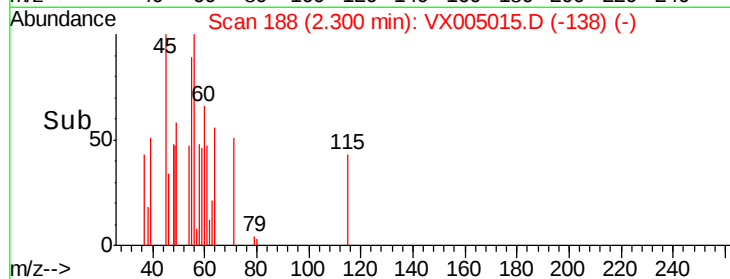
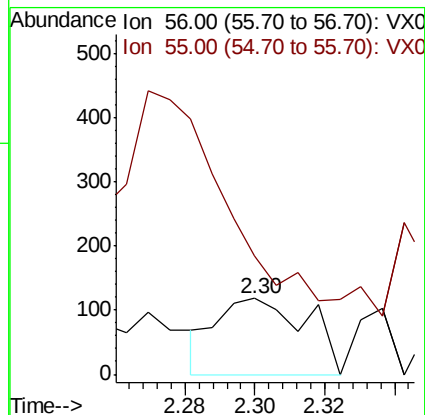
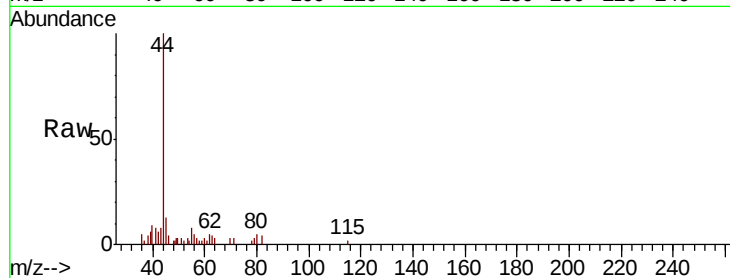
N48719DL

Tot Ion: 56 Resp: 211

Ion Ratio Lower Upper

56 100

55 0.0 63.4 95.2#



#16

Acetone

Concen: 55.122 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005015.D

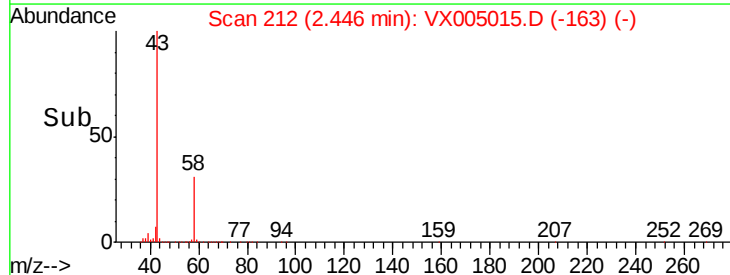
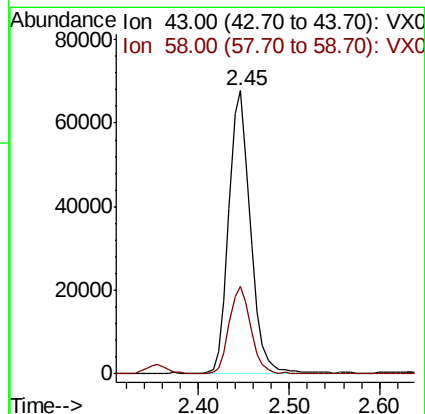
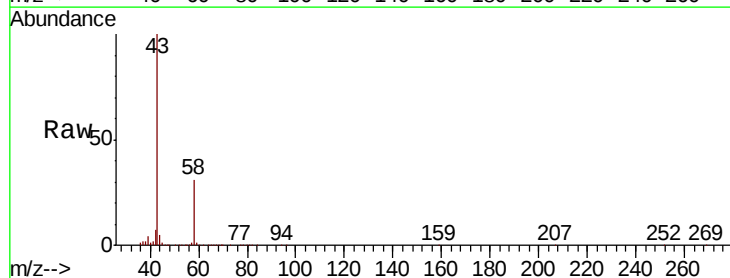
Acq: 04 Oct 2018 12:41

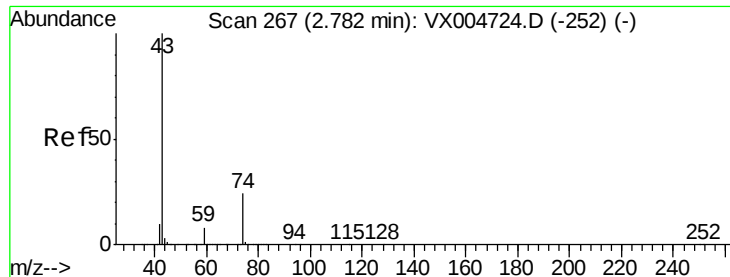
Tgt Ion: 43 Resp: 112108

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.6

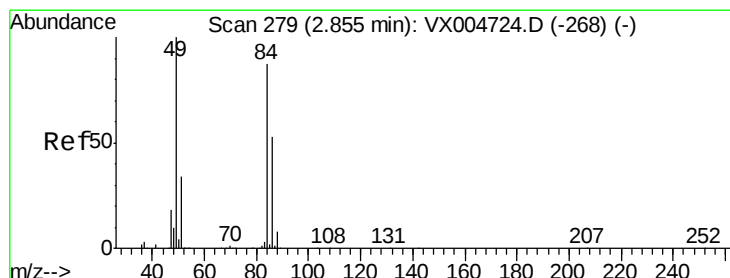
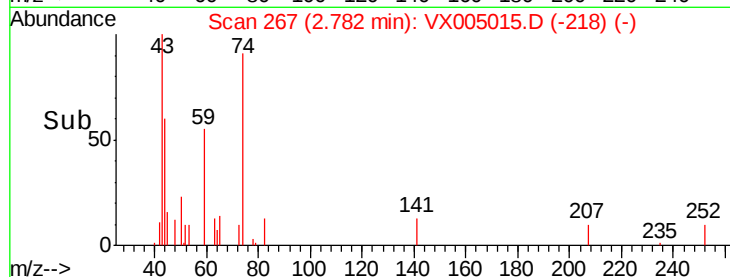
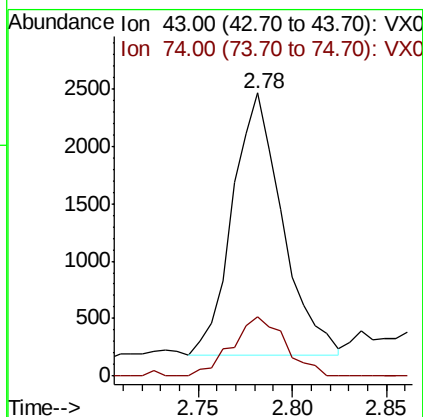
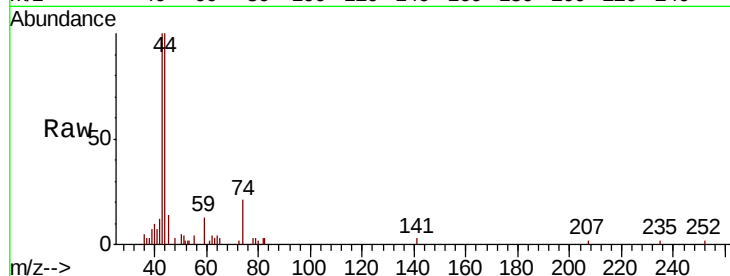




#18
Methvl Acetate
Concen: 0.815 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

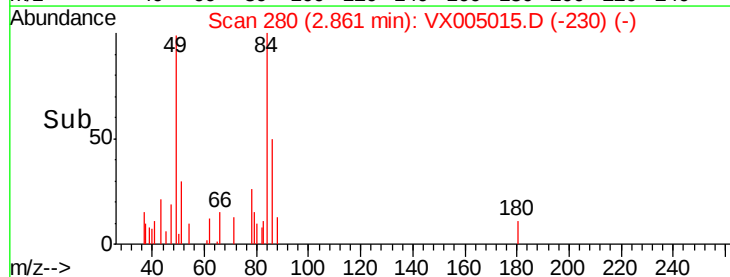
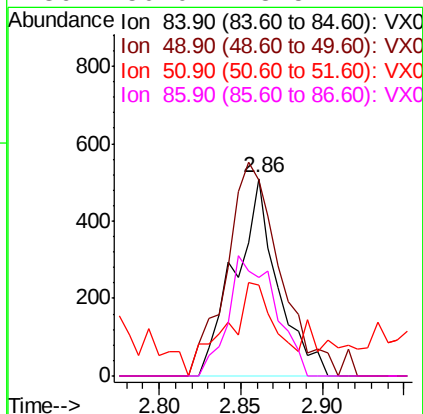
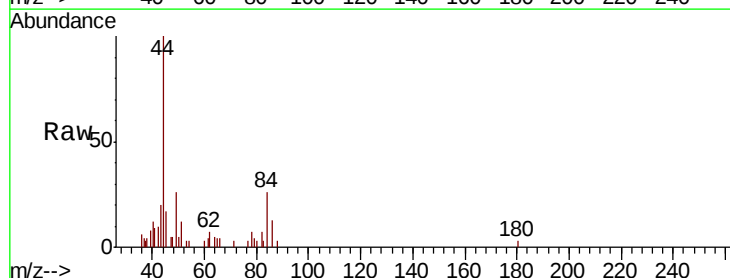
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ClientSampled :
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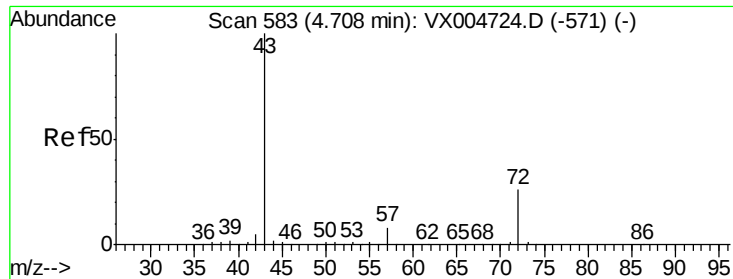
Tot Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion: 84 Resp: 933
Ion Ratio Lower Upper
84 100
49 99.4 92.3 138.5
51 45.9 31.8 47.6
86 50.0 48.5 72.7

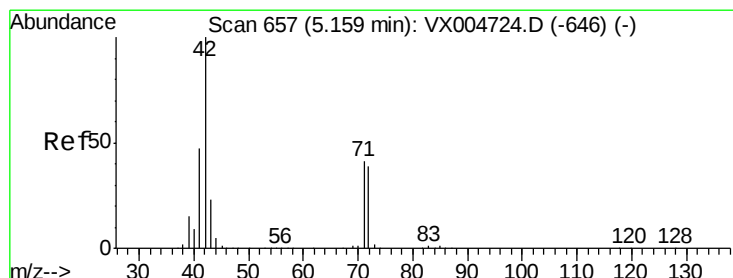
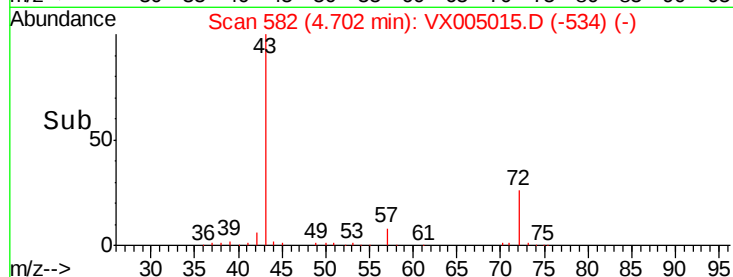
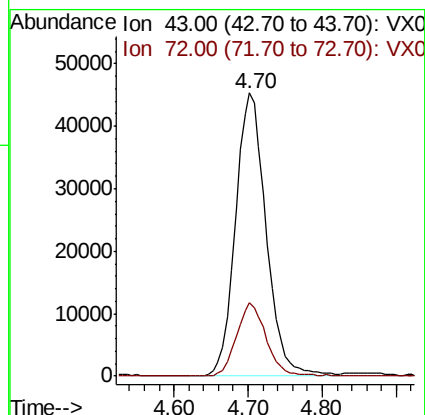
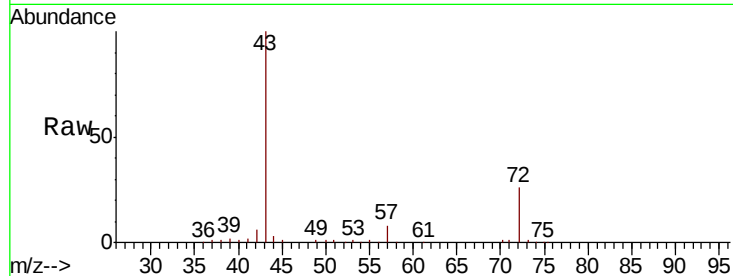




#25
2-Butanone
Concen: 43.423 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

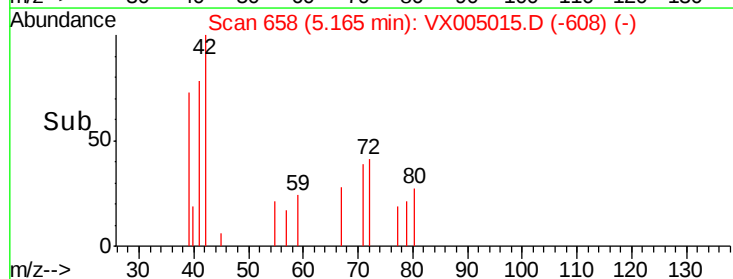
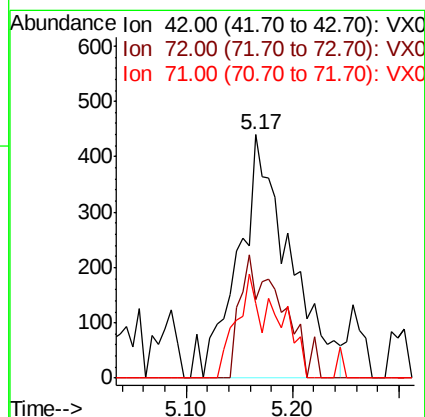
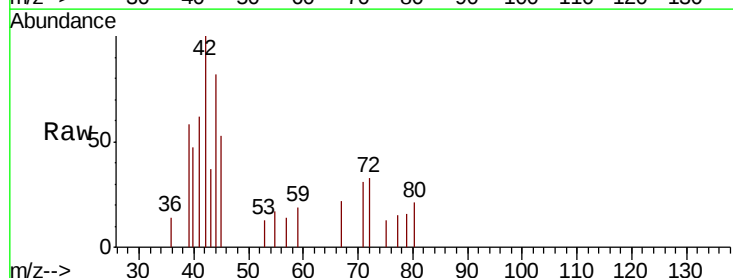
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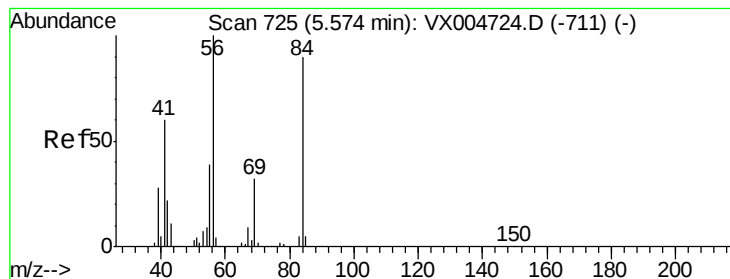
Tot Ion: 43 Resp: 130176
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2



#29
Tetrahydrofuran
Concen: 0.800 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion: 42 Resp: 1491
Ion Ratio Lower Upper
42 100
72 40.7 33.7 50.5
71 18.8 32.2 48.4#





#31

Cyclohexane

Concen: 0.763 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

N48719DL

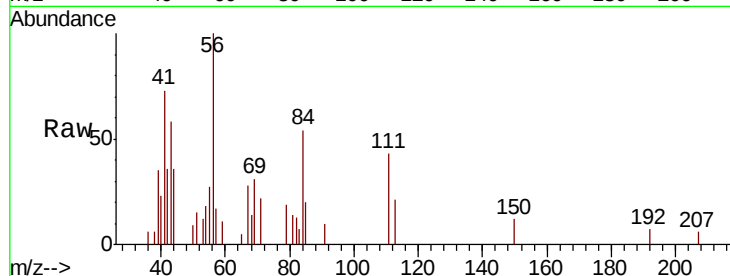
Tot Ion: 56 Resp: 3380

Ion Ratio Lower Upper

56 100

69 18.6 25.9 38.9#

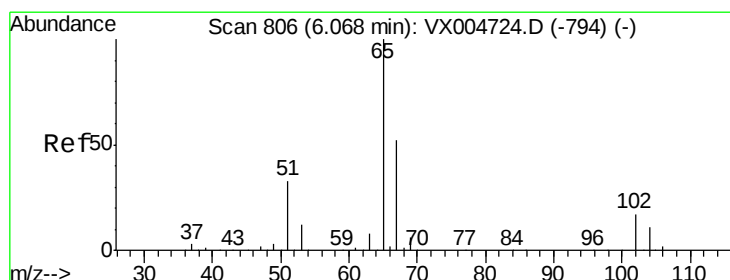
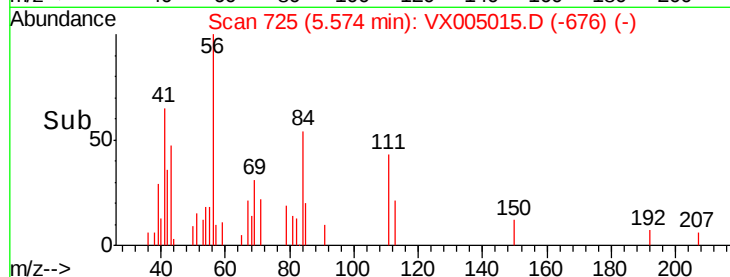
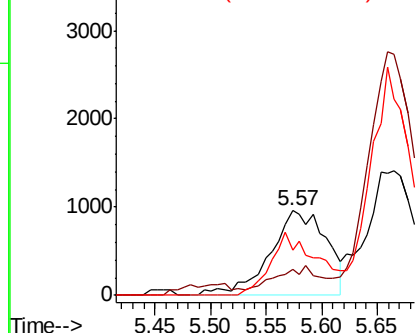
84 54.0 71.9 107.9#



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: 50.470 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005015.D

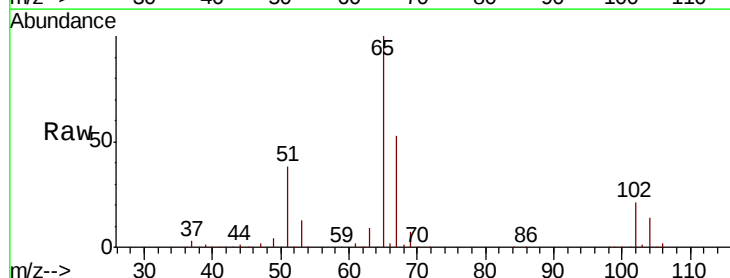
Acq: 04 Oct 2018 12:41

Tgt Ion: 65 Resp: 175819

Ion Ratio Lower Upper

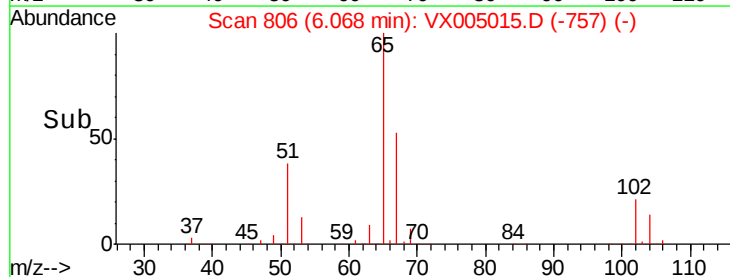
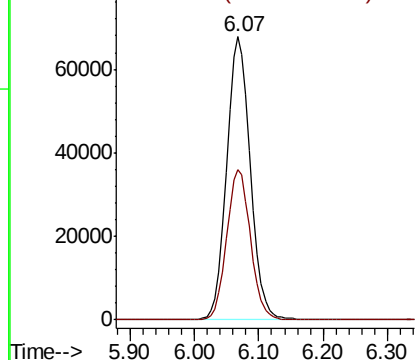
65 100

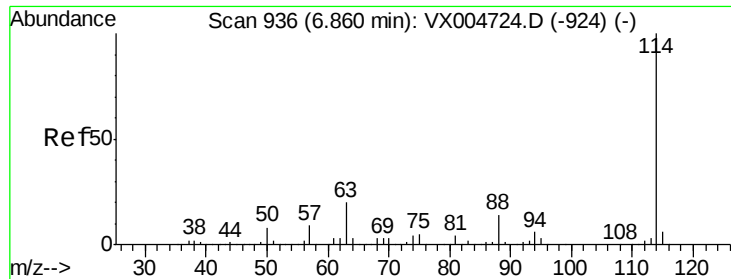
67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

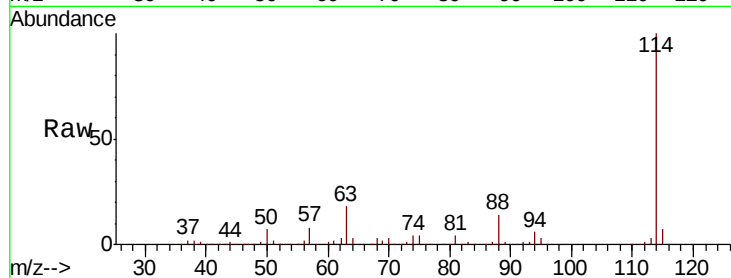




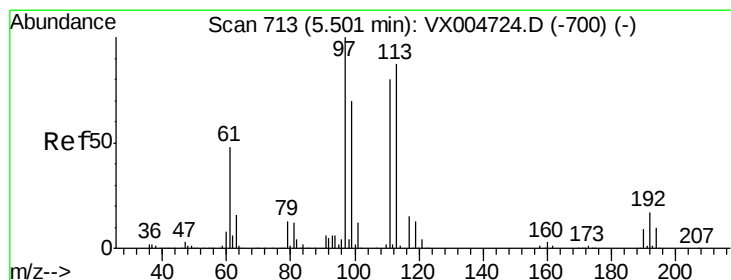
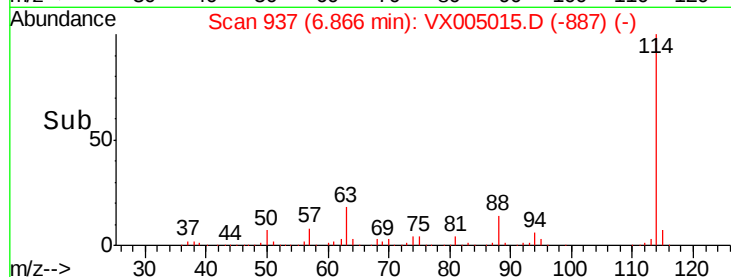
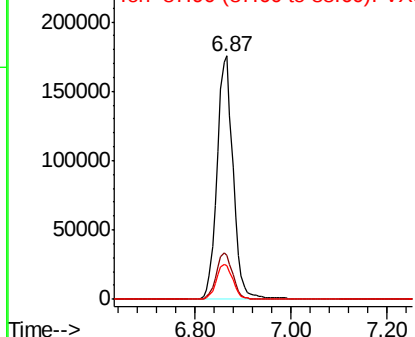
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 N48719DL

Tot Ion:114 Resp: 408369
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 13.7 0.0 27.0

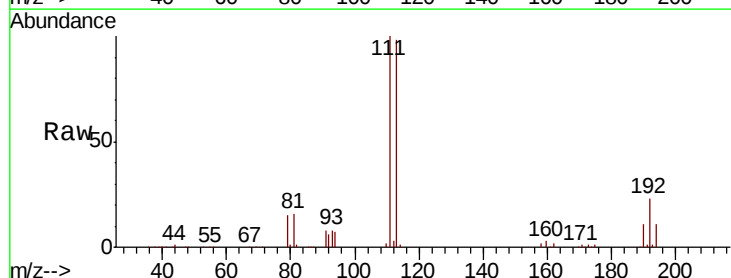


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

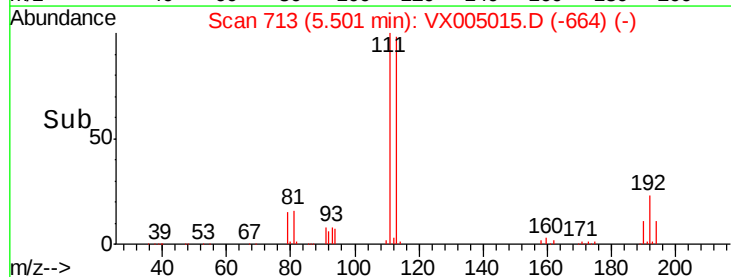
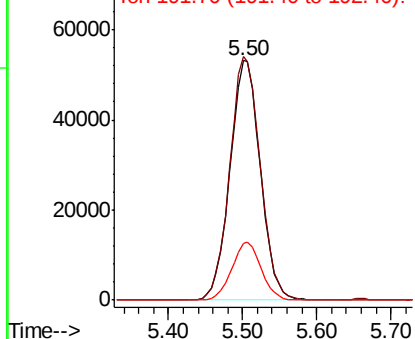


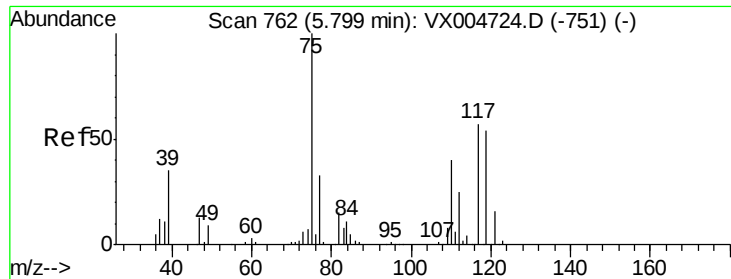
#35
 Dibromofluoromethane
 Concen: 43.836 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Tgt Ion:113 Resp: 151716
 Ion Ratio Lower Upper
 113 100
 111 102.2 77.0 115.4
 192 23.6 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: 3.513 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampled :

N48719DL

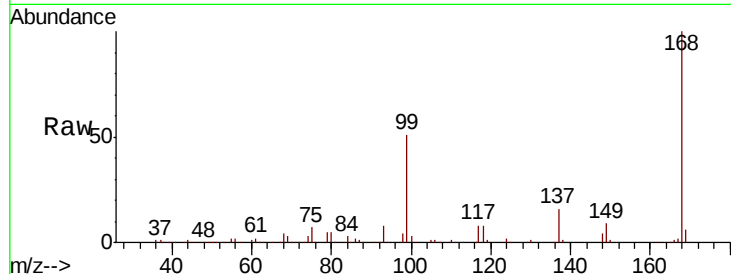
Tot Ion: 75 Resp: 16589

Ion Ratio Lower Upper

75 100

110 8.5 20.0 59.9#

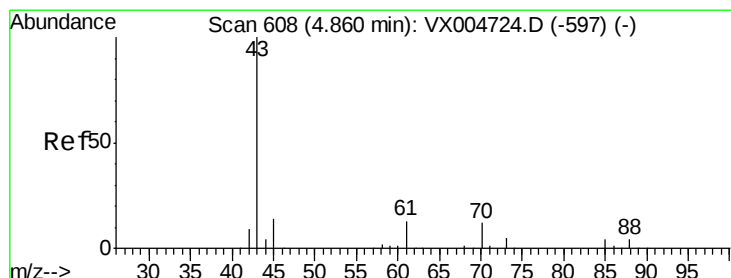
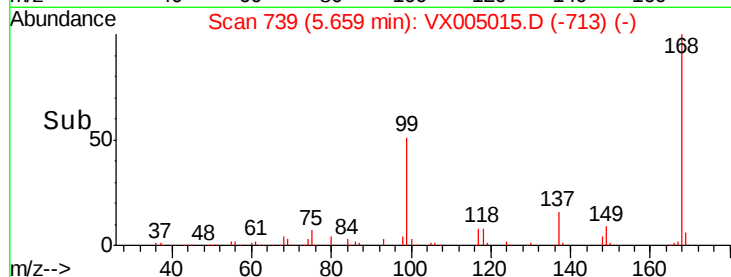
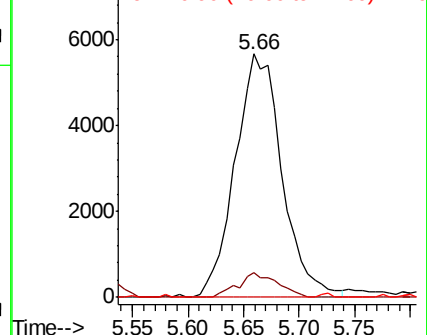
77 0.0 27.1 40.7#



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: 20.768 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

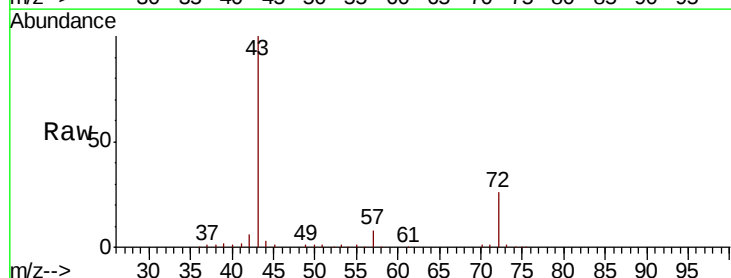
Tgt Ion: 43 Resp: 130176

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

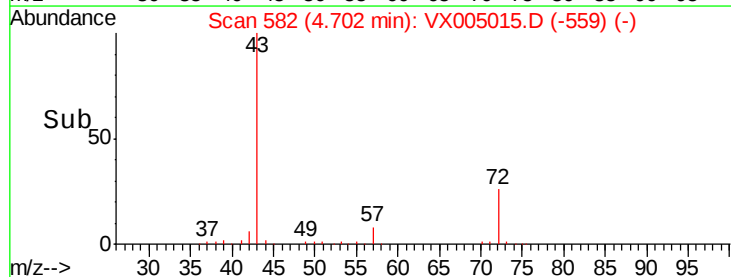
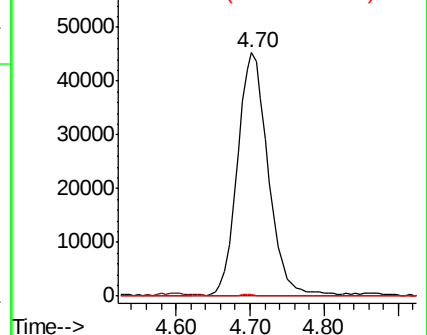
70 0.4 8.7 13.1#

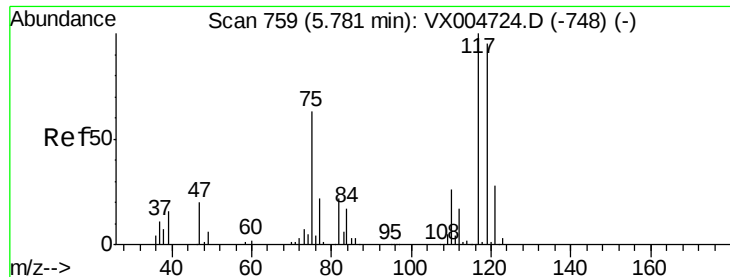


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 4.315 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleID :

N48719DL

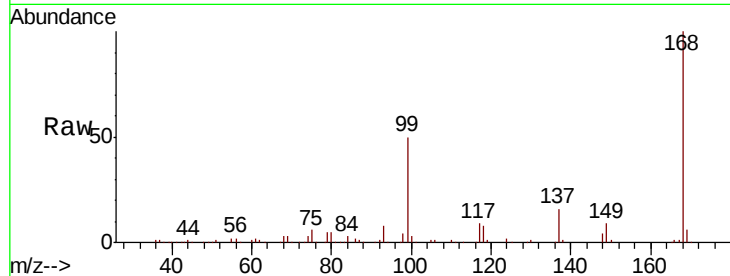
Tot Ion:117 Resp: 21418

Ion Ratio Lower Upper

117 100

119 7.2 75.2 112.8#

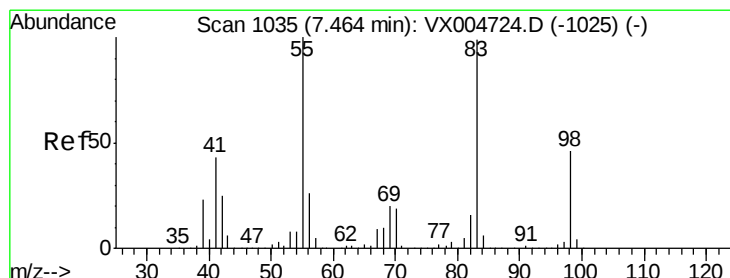
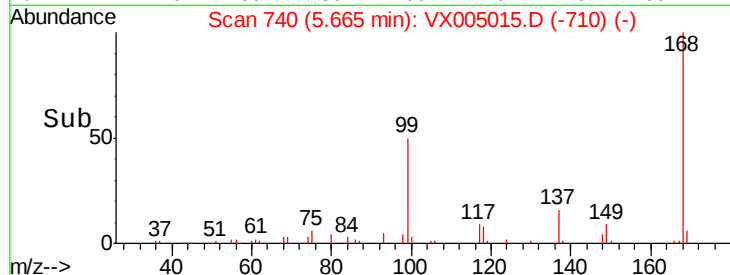
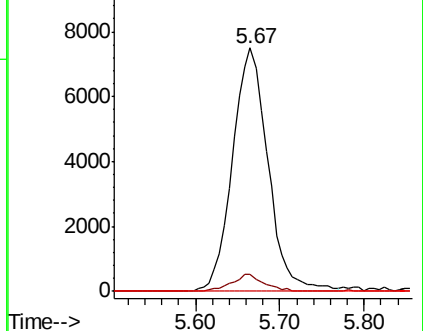
121 0.0 22.5 33.7#



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



#39

Methylcyclohexane

Concen: 2.177 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

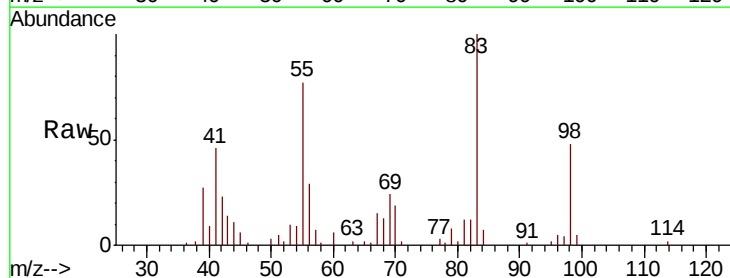
Tgt Ion: 83 Resp: 10499

Ion Ratio Lower Upper

83 100

55 77.3 81.1 121.7#

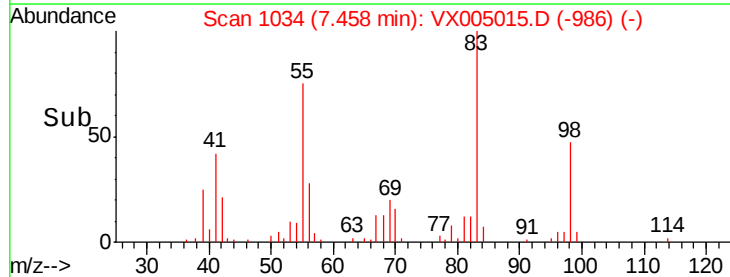
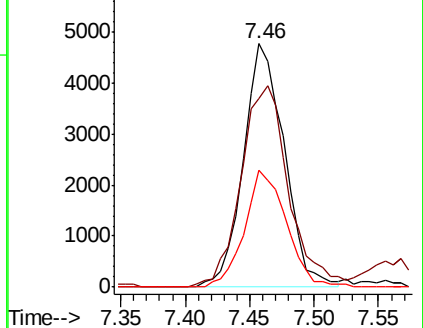
98 48.2 37.3 55.9

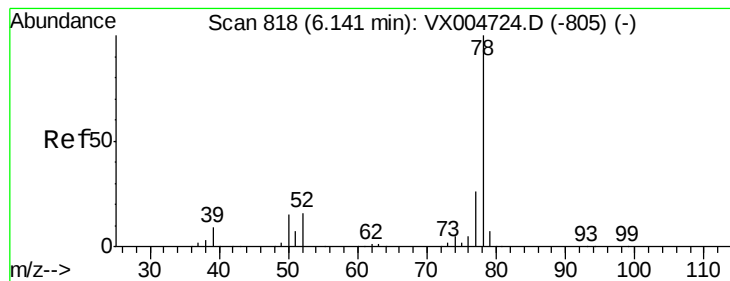


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.031 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

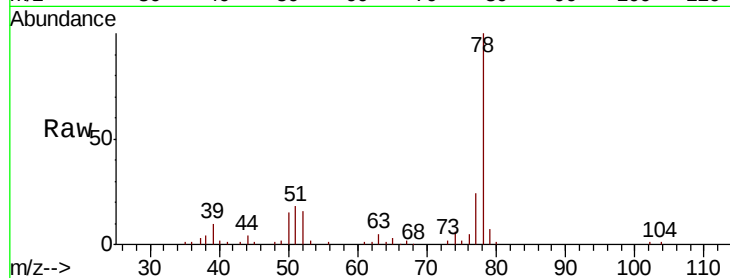
N48719DL

Tot Ion: 78 Resp: 30027

Ion Ratio Lower Upper

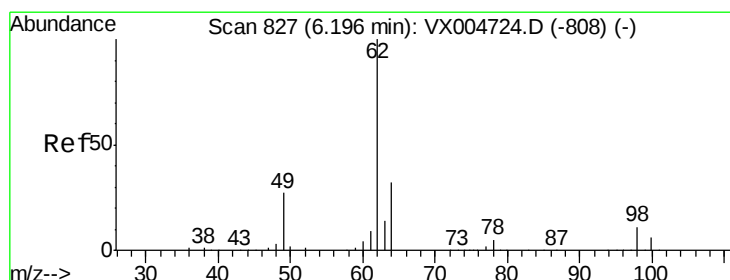
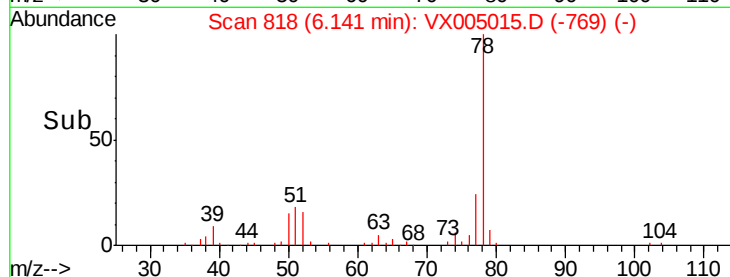
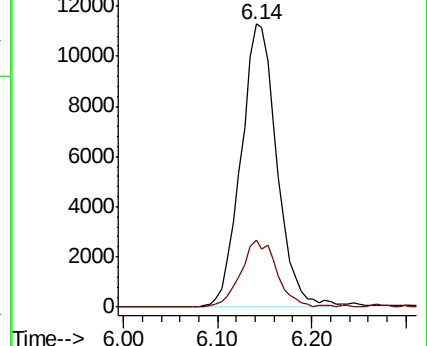
78 100

77 23.8 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.772 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005015.D

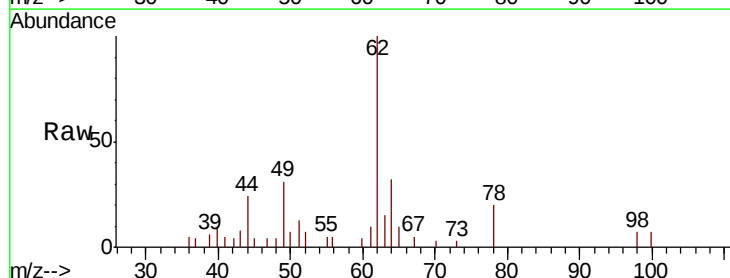
Acq: 04 Oct 2018 12:41

Tgt Ion: 62 Resp: 4032

Ion Ratio Lower Upper

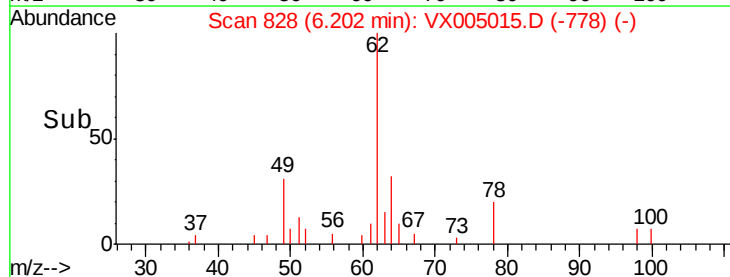
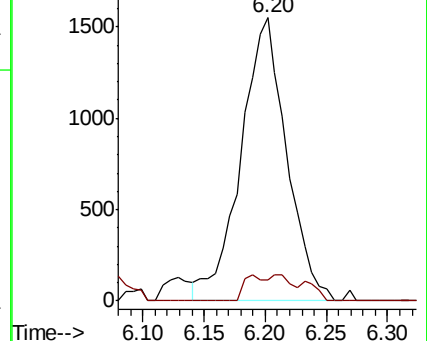
62 100

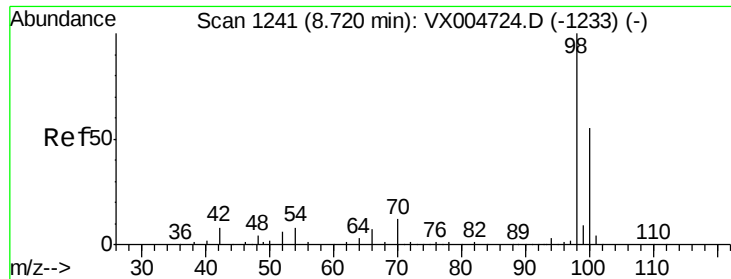
98 4.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#50

Toluene-d8

Concen: 50.163 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

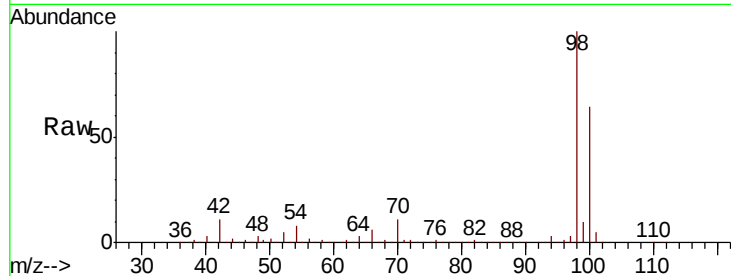
N48719DL

Tot Ion: 98 Resp: 577170

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

300000

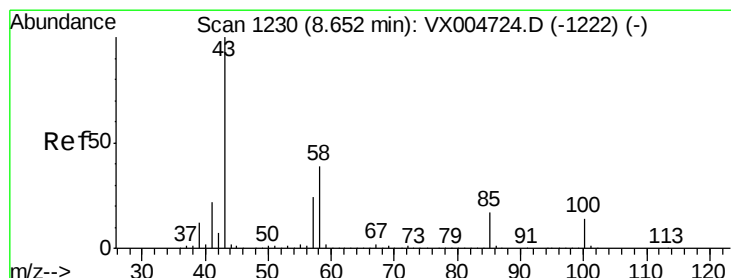
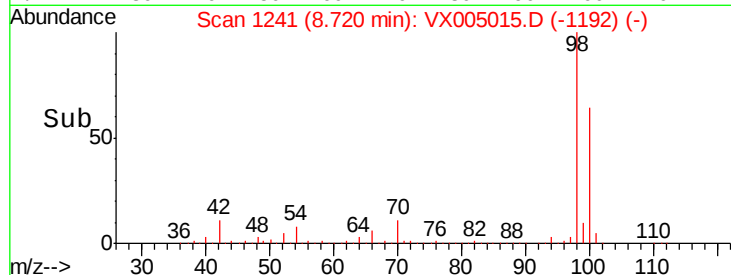
200000

100000

0

Time-->

8.50 8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 2.715 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005015.D

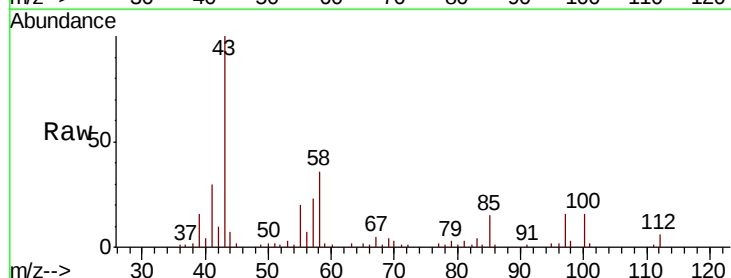
Acq: 04 Oct 2018 12:41

Tgt Ion: 43 Resp: 15467

Ion Ratio Lower Upper

43 100

58 37.6 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

10000

8000

6000

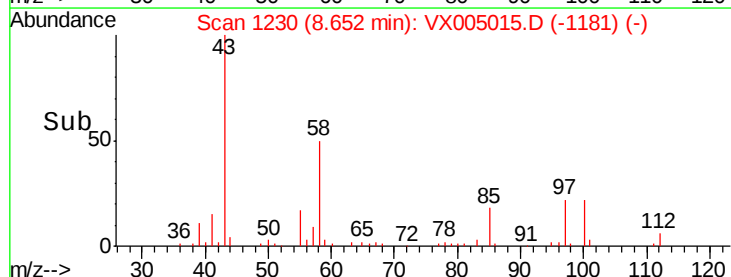
4000

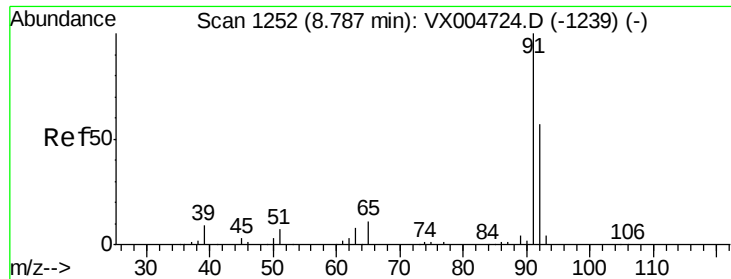
2000

0

Time-->

8.60 8.65 8.70





#52

Toluene

Concen: 22.082 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

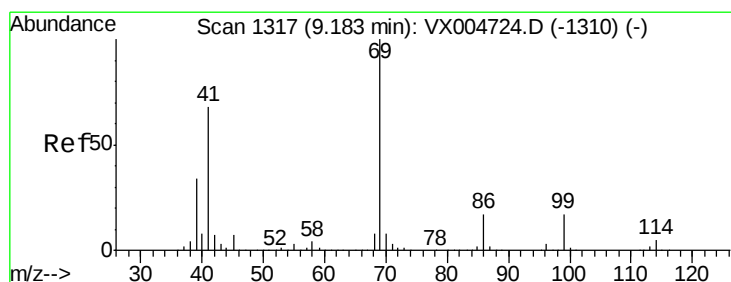
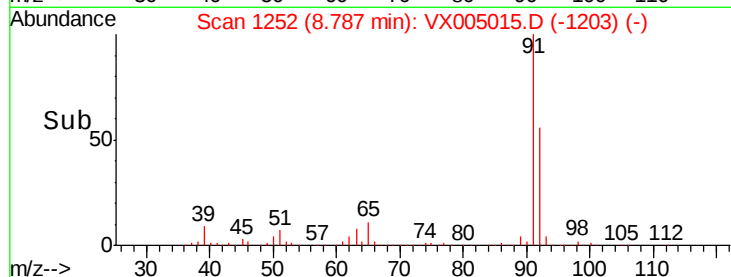
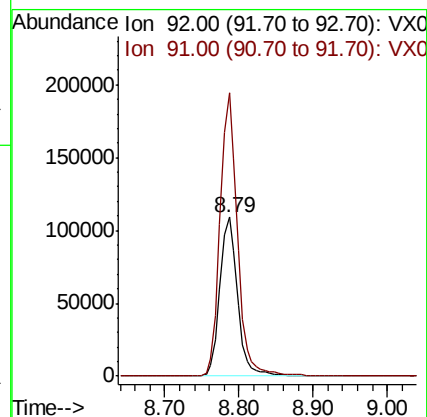
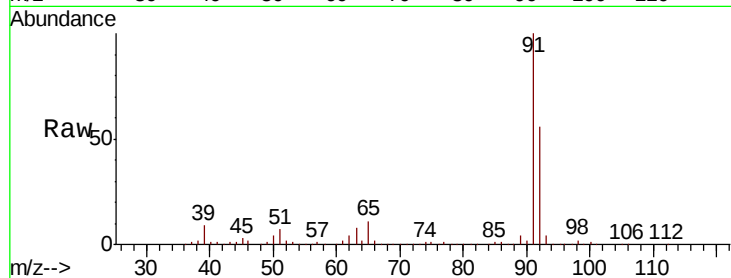
N48719DL

Tot Ion: 92 Resp: 179377

Ion Ratio Lower Upper

92 100

91 175.1 136.7 205.1



#56

Ethyl methacrylate

Concen: 2.977 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

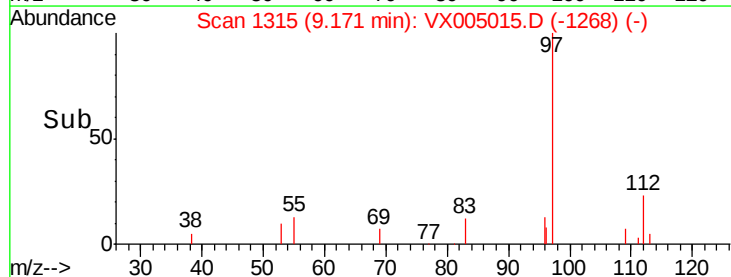
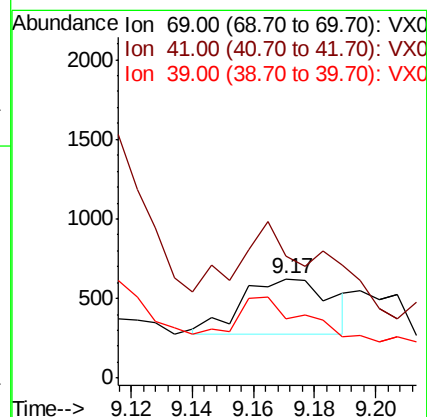
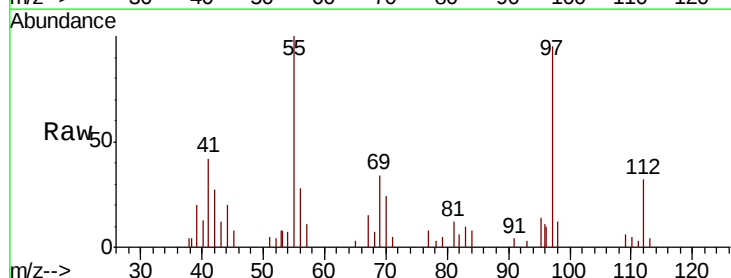
Tgt Ion: 69 Resp: 705

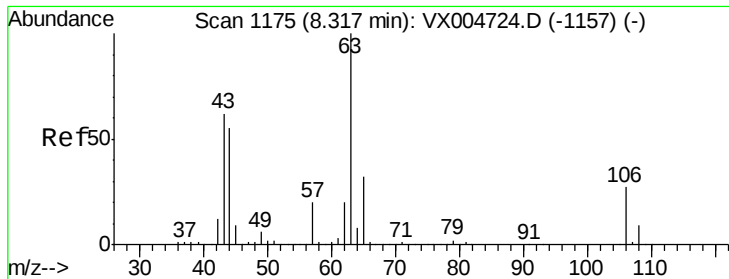
Ion Ratio Lower Upper

69 100

41 175.5 56.9 85.3#

39 63.4 28.4 42.6#

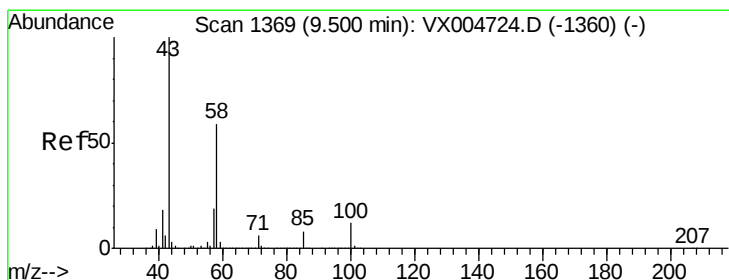
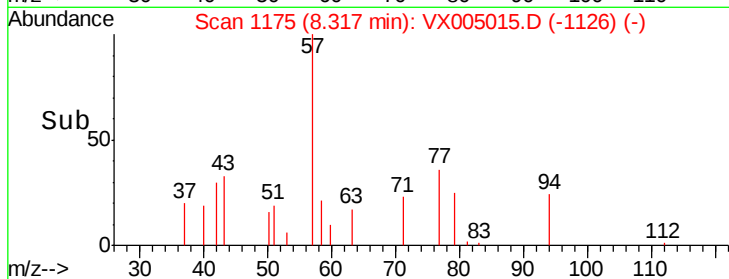
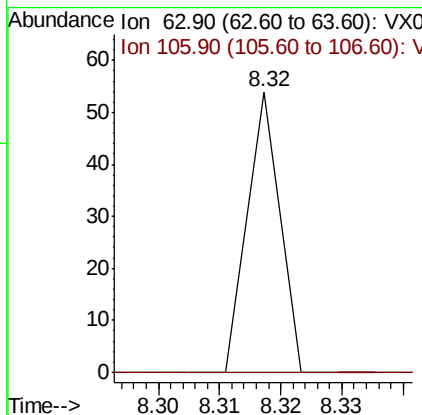
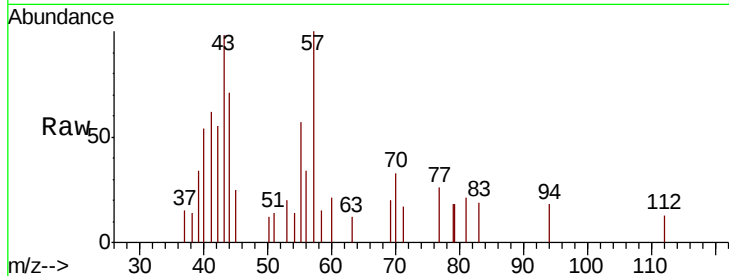




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.248 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

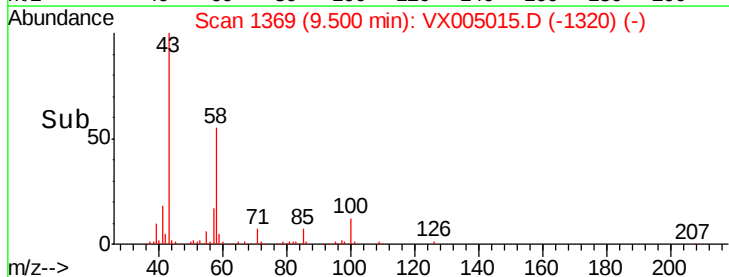
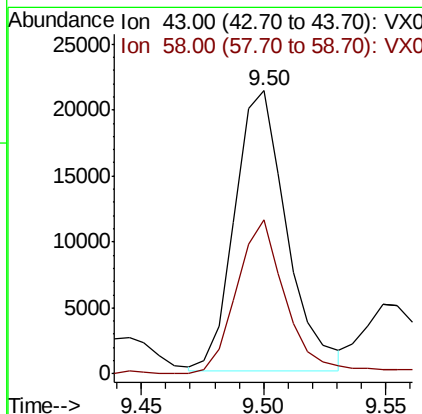
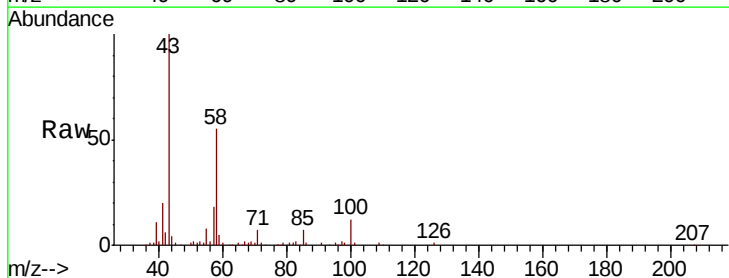
Instrument :
 MSVOA_X
 ClientSampleID :
 N48719DL

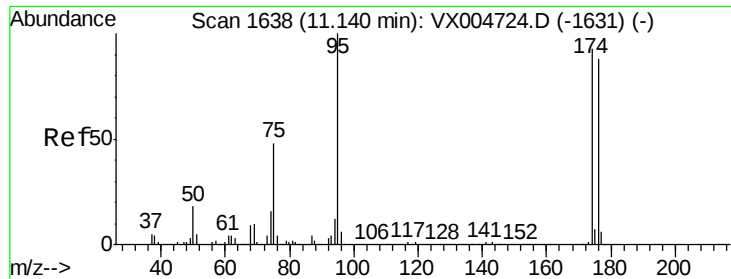
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 6.635 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Tgt Ion: 43 Resp: 31495
 Ion Ratio Lower Upper
 43 100
 58 53.9 28.4 85.3

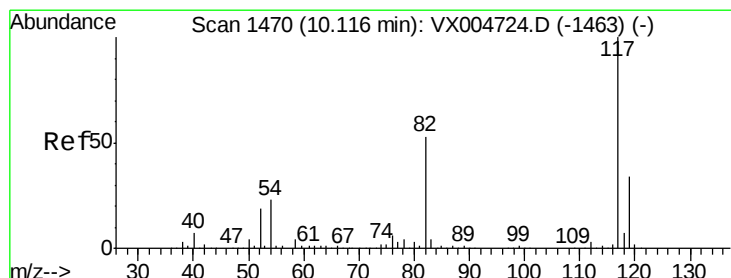
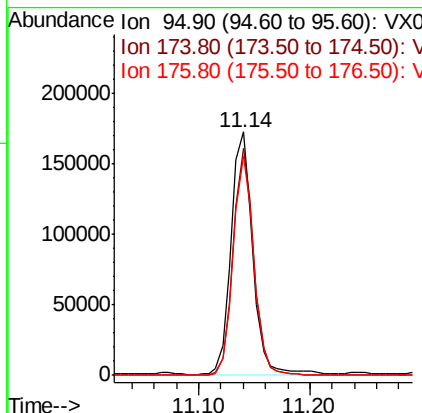
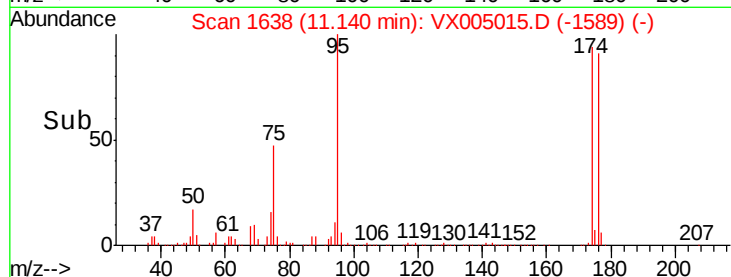
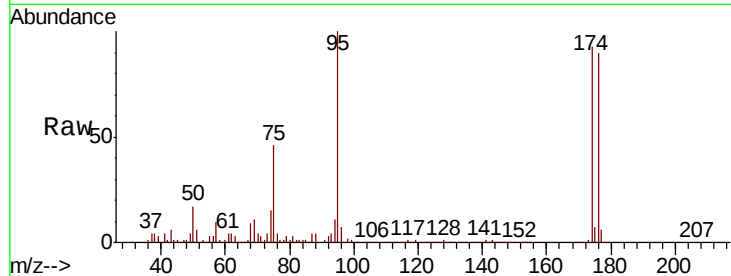




#62
4-Bromofluorobenzene
Concen: 56.344 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

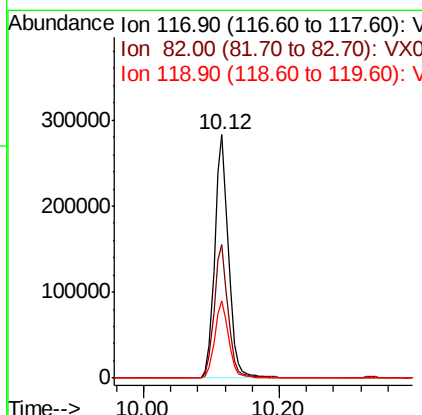
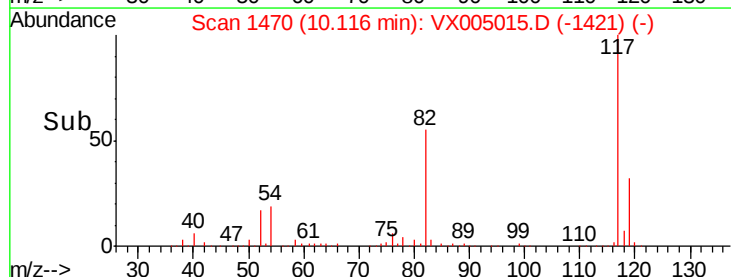
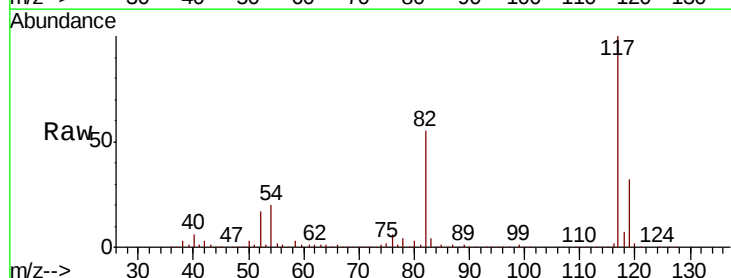
Instrument :
MSVOA_X
ClientSampleId :
N48719DL

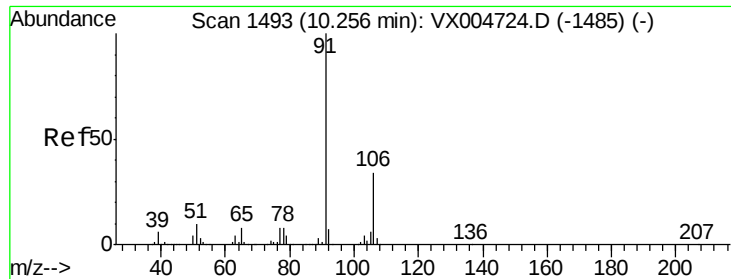
Tot Ion: 95 Resp: 233553
Ion Ratio Lower Upper
95 100
174 88.1 0.0 185.0
176 85.6 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion: 117 Resp: 398623
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 31.6 27.4 41.0

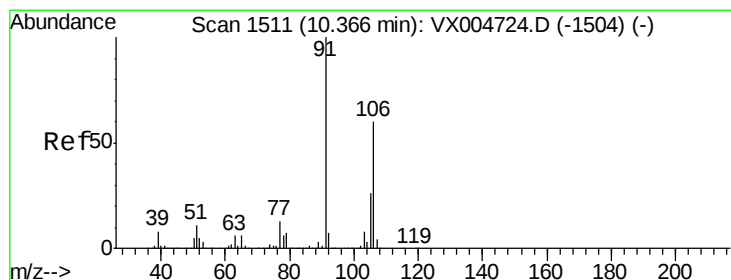
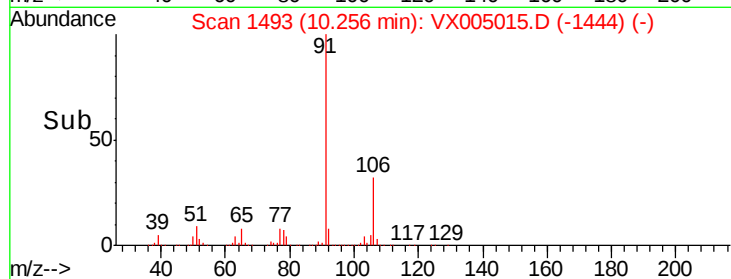
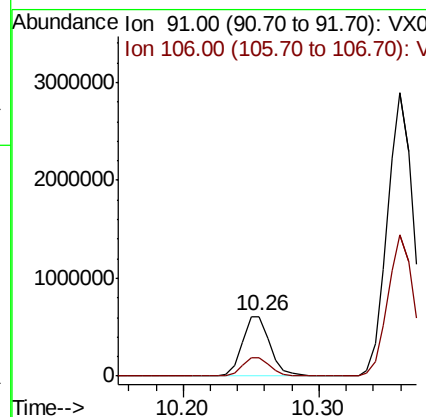
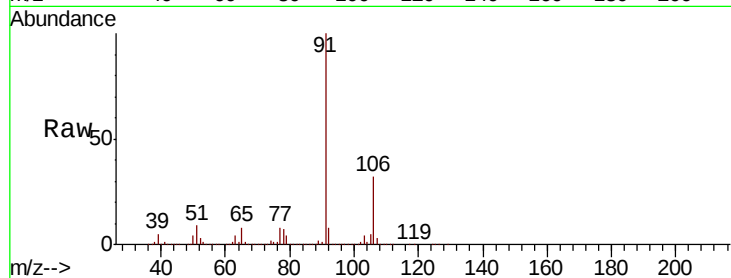




#67
Ethyl Benzene
Concen: 53.636 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

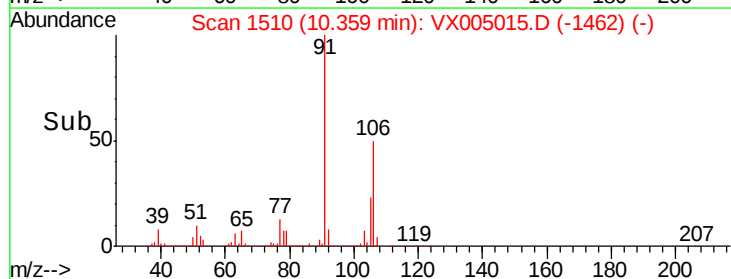
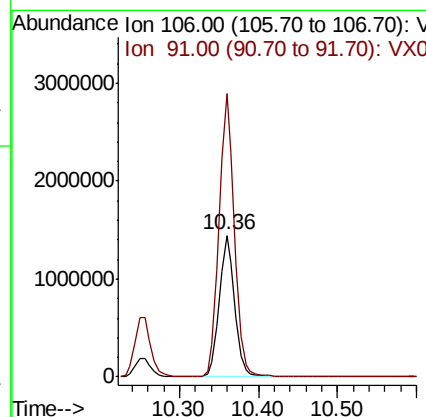
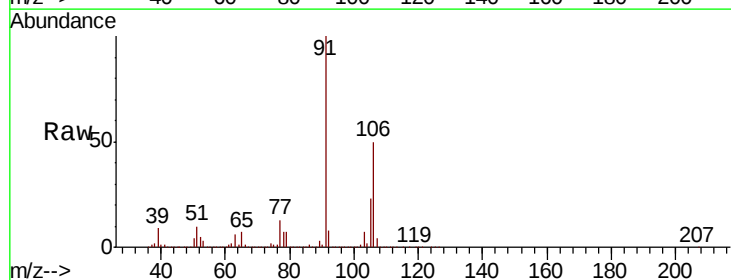
Instrument :
MSVOA_X
ClientSampleID :
N48719DL

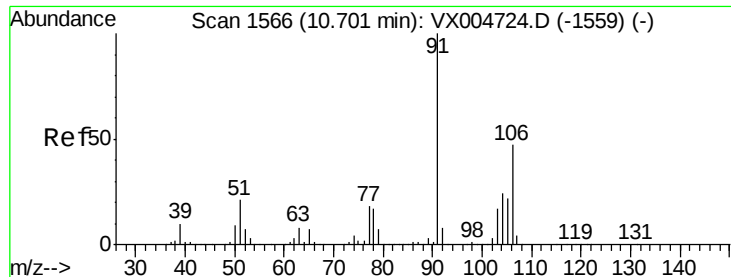
Tot Ion: 91 Resp: 870433
Ion Ratio Lower Upper
91 100
106 31.9 26.9 40.3



#68
m/p-Xylenes
Concen: 309.111 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion: 106 Resp: 1960258
Ion Ratio Lower Upper
106 100
91 201.1 157.5 236.3

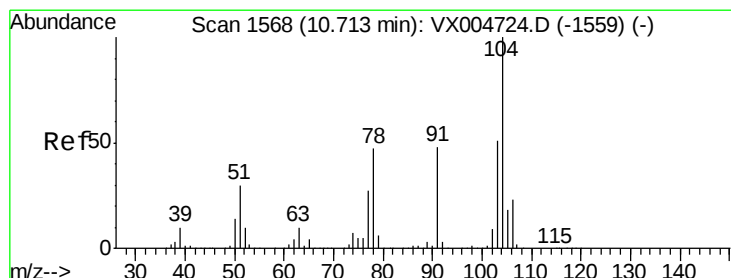
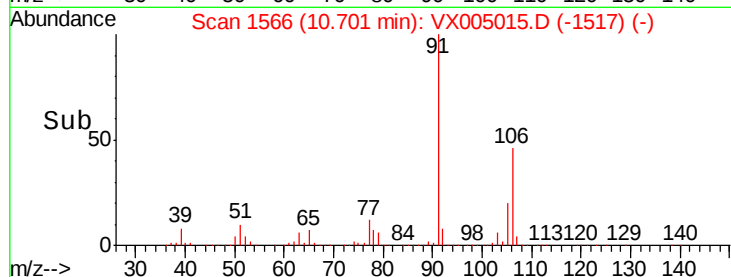
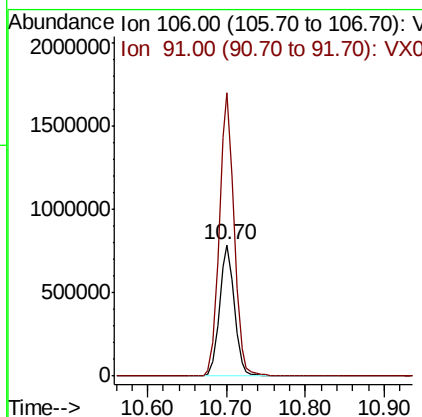
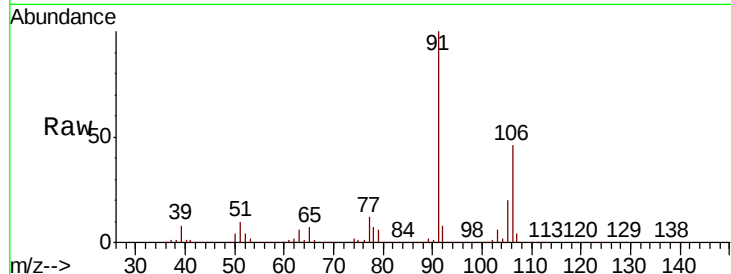




#69
o-Xylene
Concen: 177.463 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

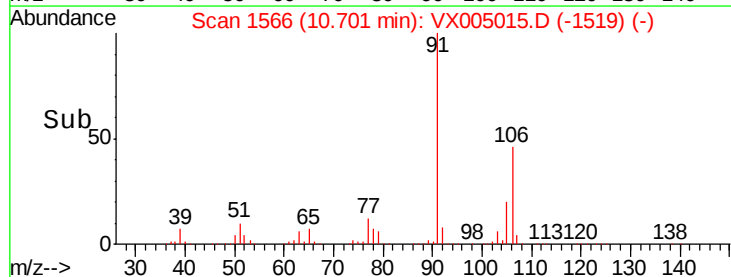
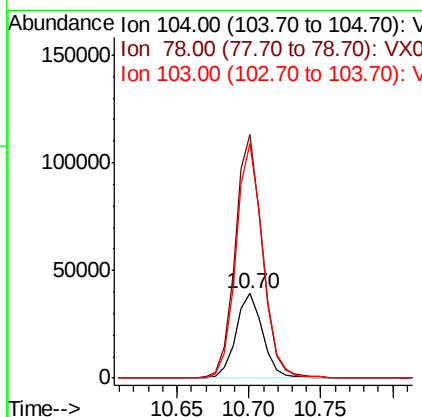
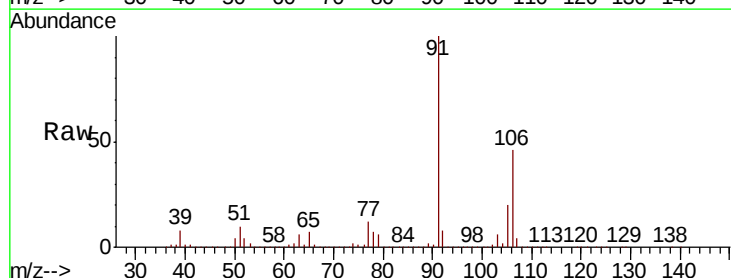
Instrument :
MSVOA_X
ClientSampleId :
N48719DL

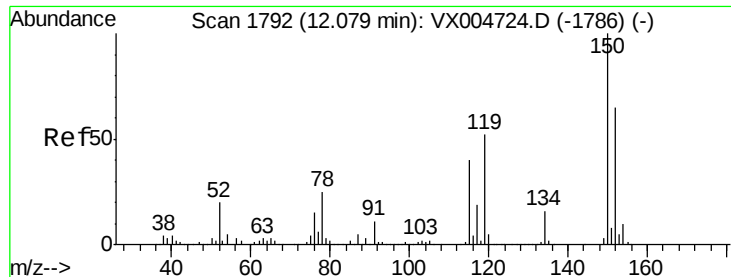
Tot Ion:106 Resp: 1033675
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.8



#70
Styrene
Concen: 6.618 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion:104 Resp: 50958
Ion Ratio Lower Upper
104 100
78 292.1 40.0 60.0#
103 279.7 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: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

N48719DL

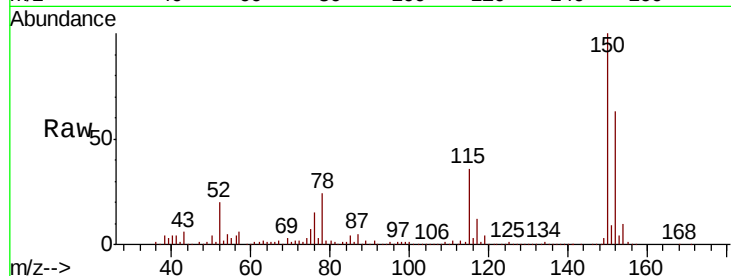
Tot Ion:152 Resp: 231278

Ion Ratio Lower Upper

152 100

115 57.7 40.2 120.6

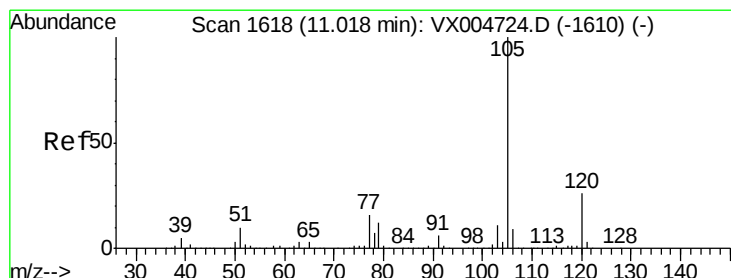
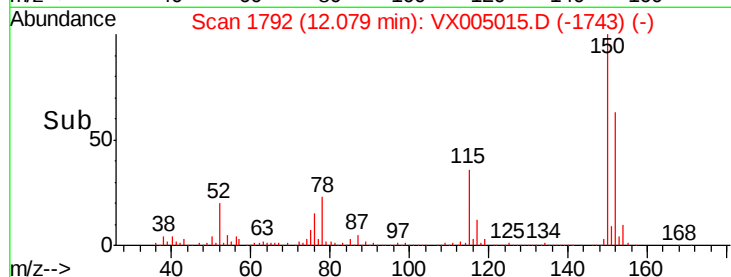
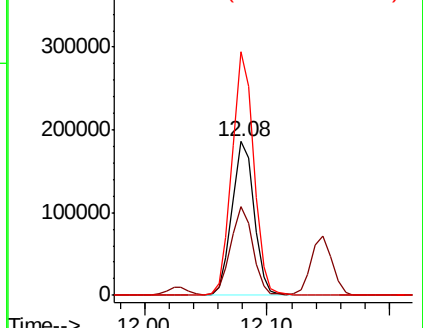
150 155.8 0.0 351.0



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: 11.937 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005015.D

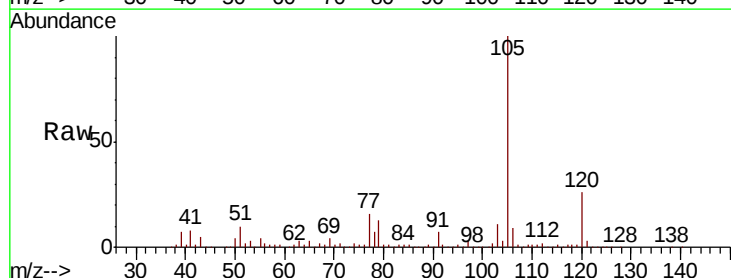
Acq: 04 Oct 2018 12:41

Tgt Ion:105 Resp: 174020

Ion Ratio Lower Upper

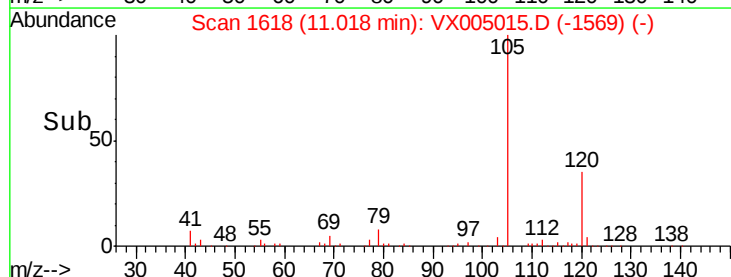
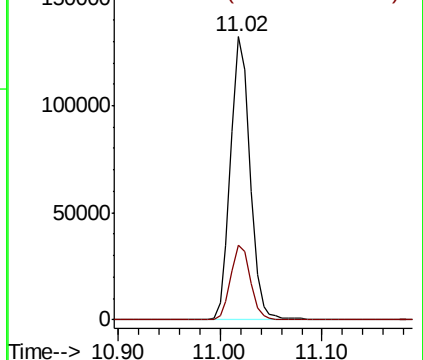
105 100

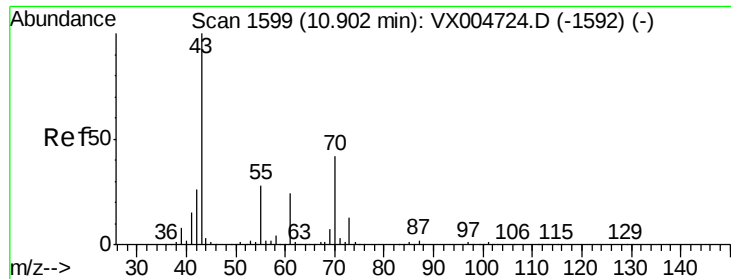
120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.667 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

N48719DL

Tot Ion: 43 Resp: 24236

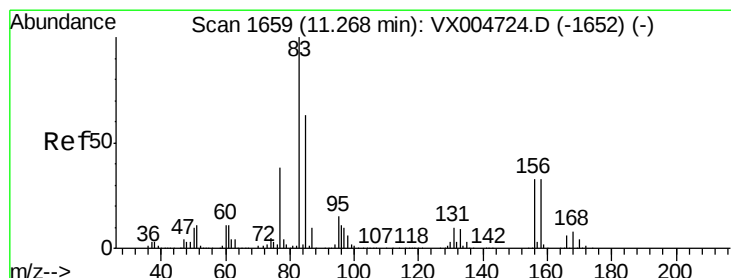
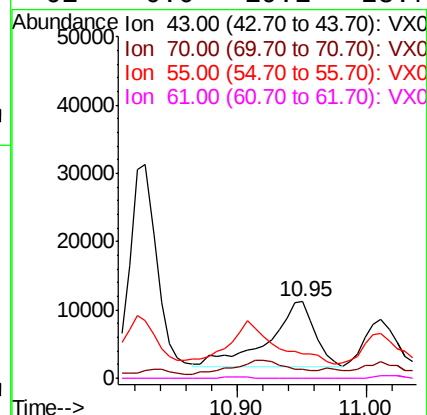
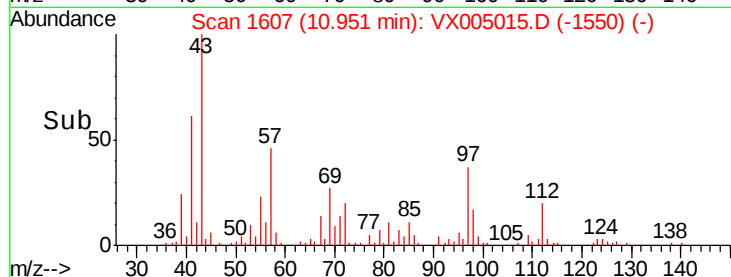
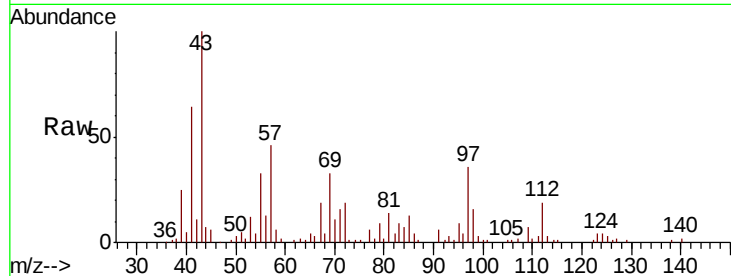
Ion Ratio Lower Upper

43 100

70 1.1 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.685 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

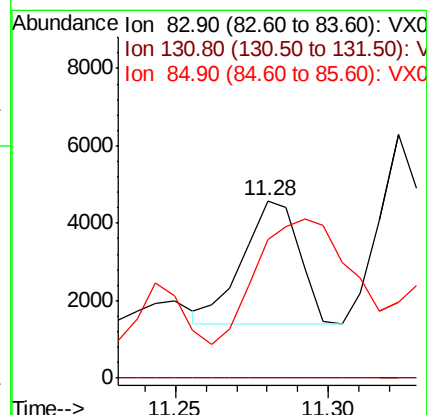
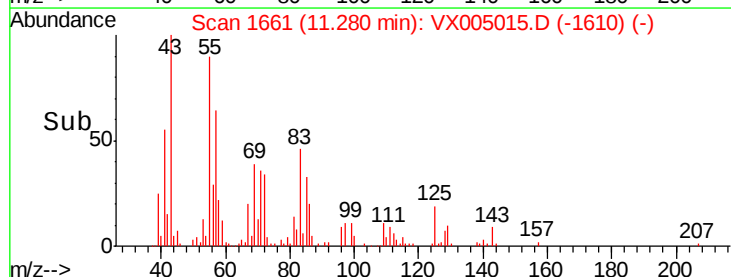
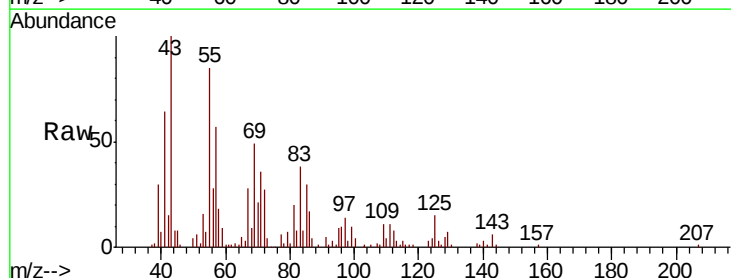
Tgt Ion: 83 Resp: 4062

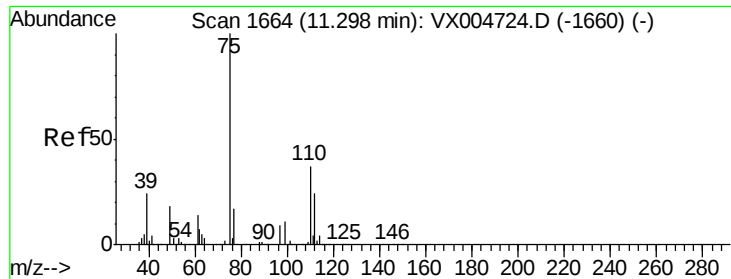
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 168.5 31.9 95.9#

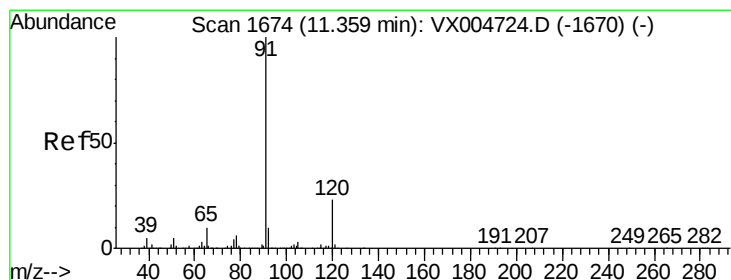
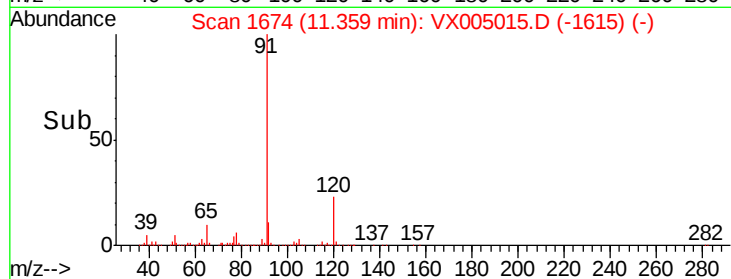
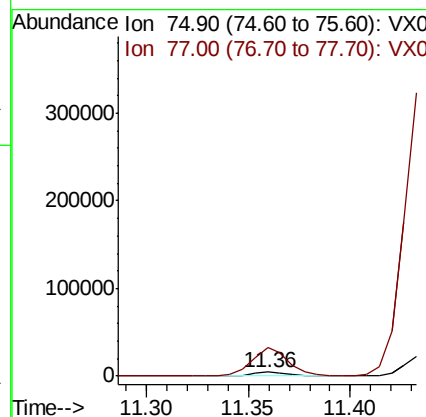
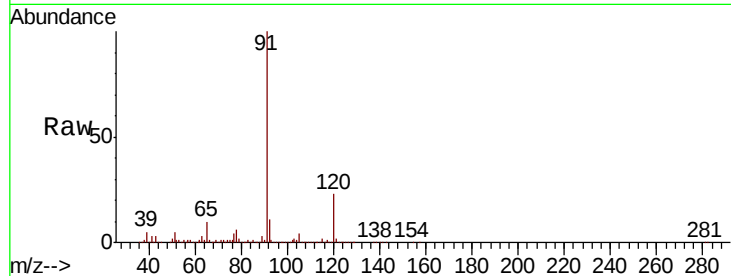




#76
 1,2,3-Trichloropropane
 Concen: 1.118 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.06 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

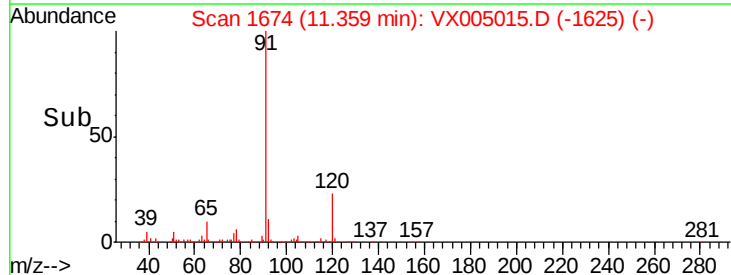
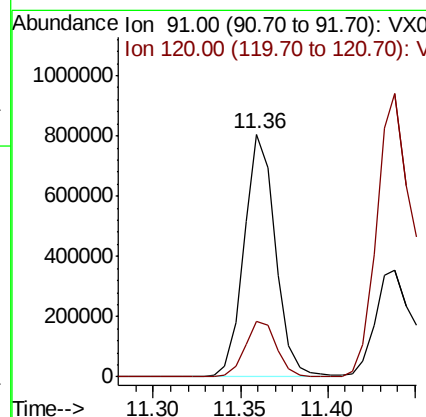
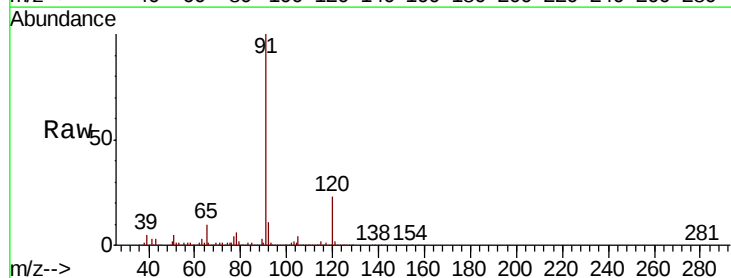
Instrument :
 MSVOA_X
 ClientSampleId :
 N48719DL

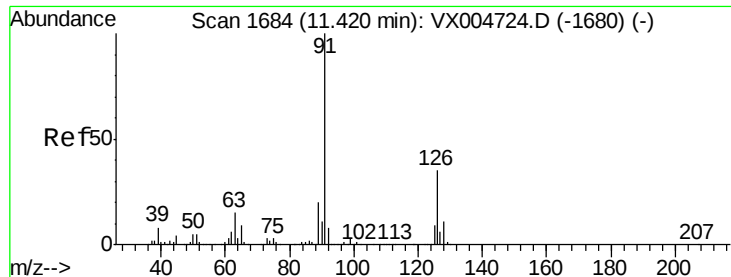
Tot Ion: 75 Resp: 5795
 Ion Ratio Lower Upper
 75 100
 77 660.9 21.4 64.3#



#78
 n-propylbenzene
 Concen: 59.846 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Tgt Ion: 91 Resp: 1001006
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.0 36.0

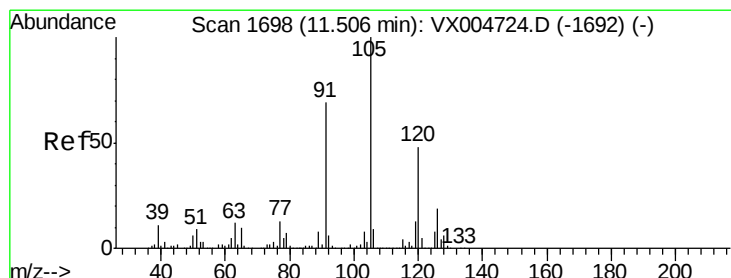
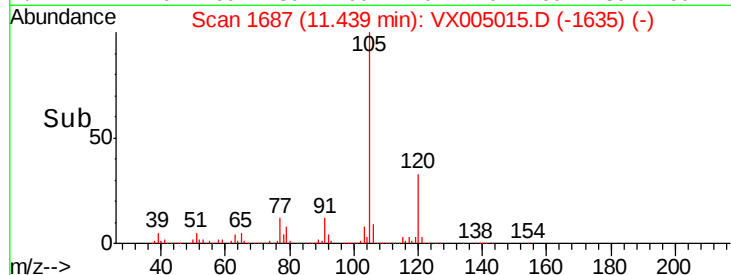
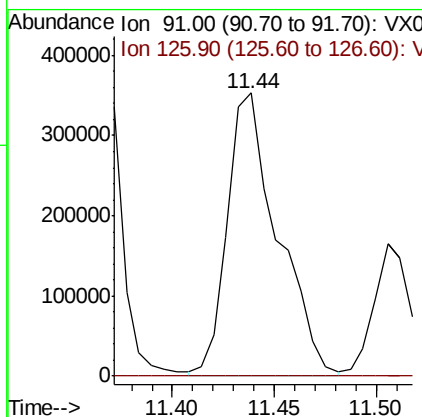
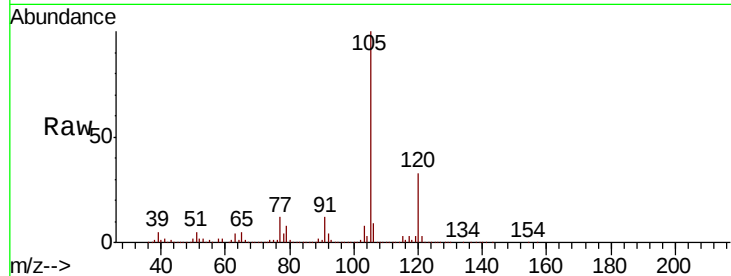




#79
 2-Chlorotoluene
 Concen: 57.645 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.02 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

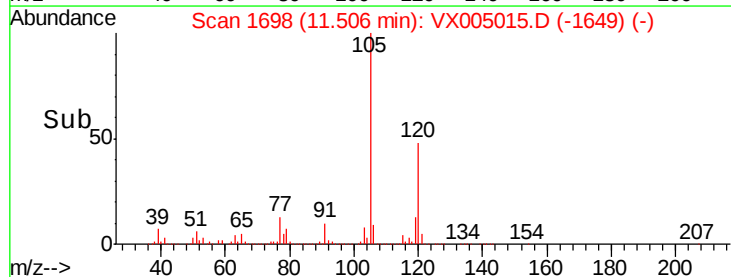
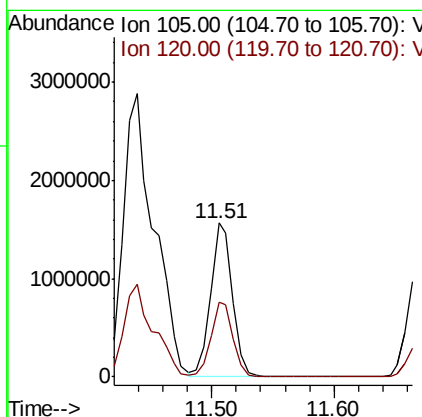
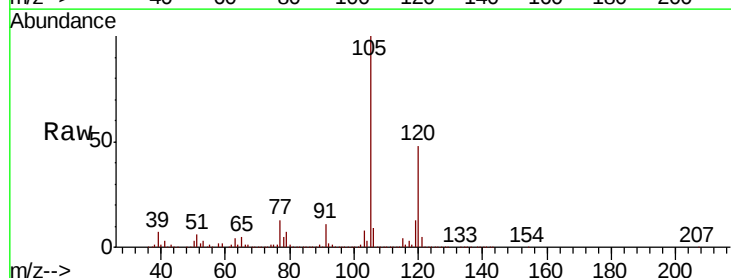
Instrument :
 MSVOA_X
 ClientSampleID :
 N48719DL

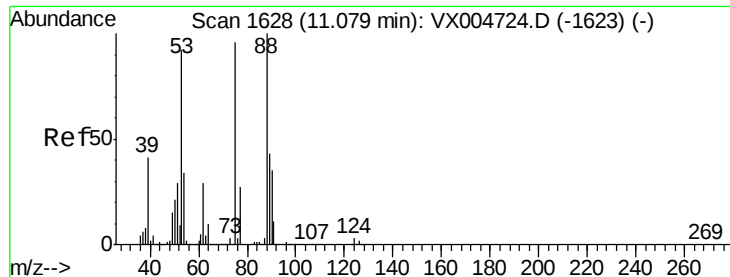
Tot Ion: 91 Resp: 600998
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 146.957 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Tgt Ion:105 Resp: 1958374
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.264 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

N48719DL

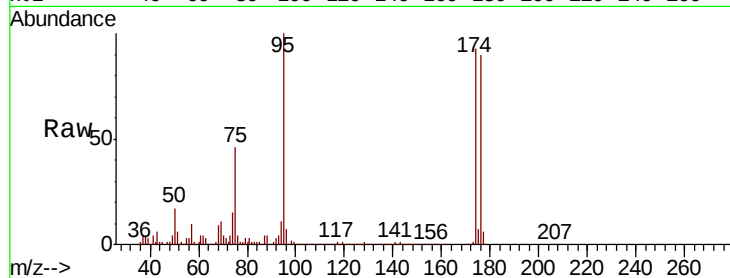
Tot Ion: 75 Resp: 109410

Ion Ratio Lower Upper

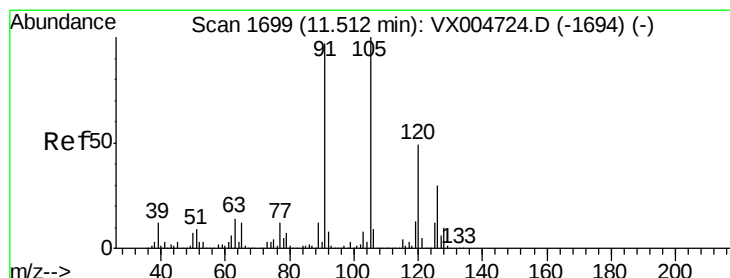
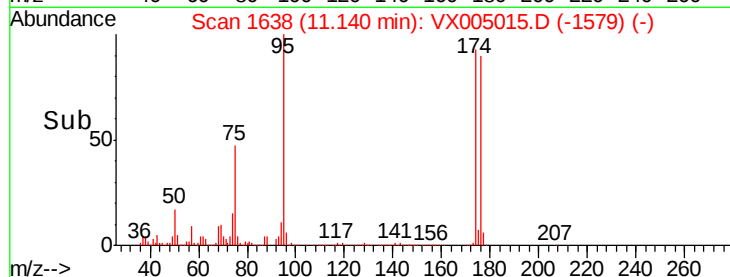
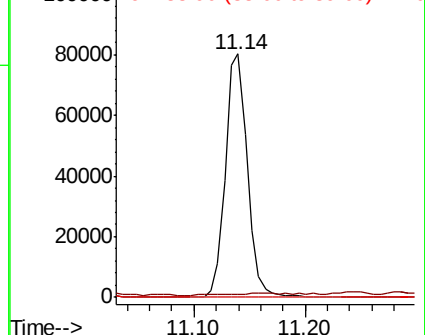
75 100

53 1.6 80.2 120.4#

89 0.0 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: 16.277 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005015.D

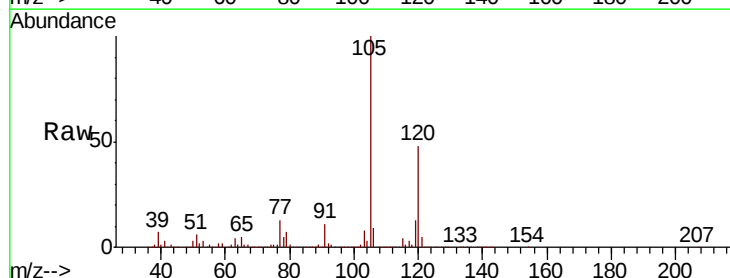
Acq: 04 Oct 2018 12:41

Tgt Ion: 91 Resp: 199746

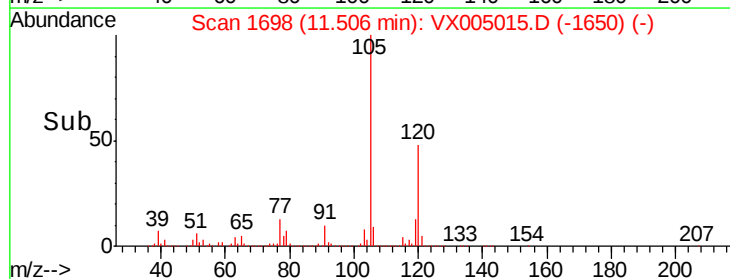
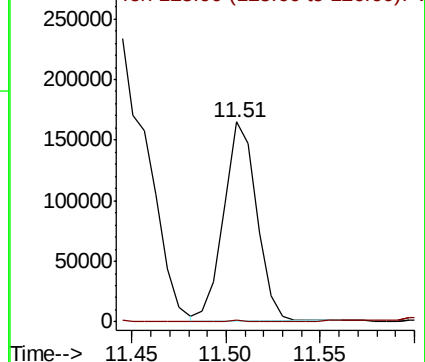
Ion Ratio Lower Upper

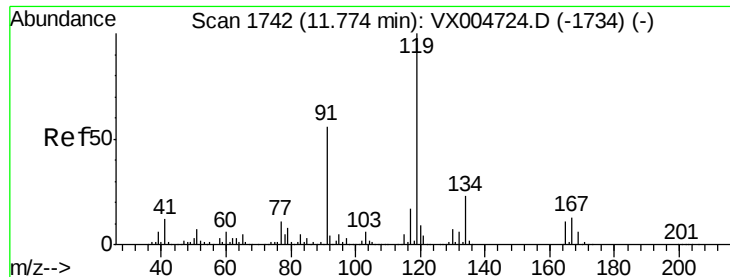
91 100

126 0.6 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

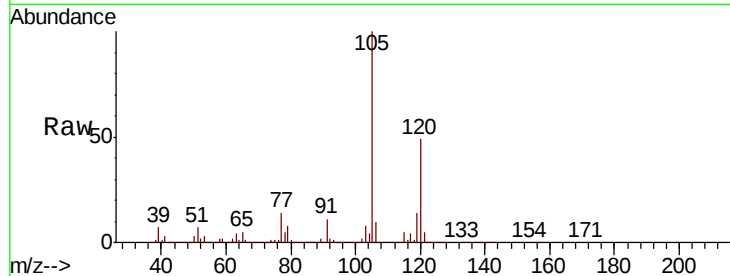




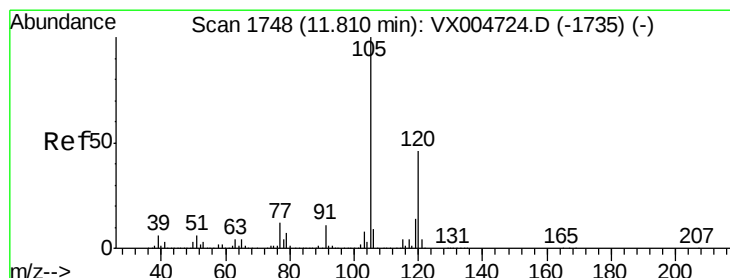
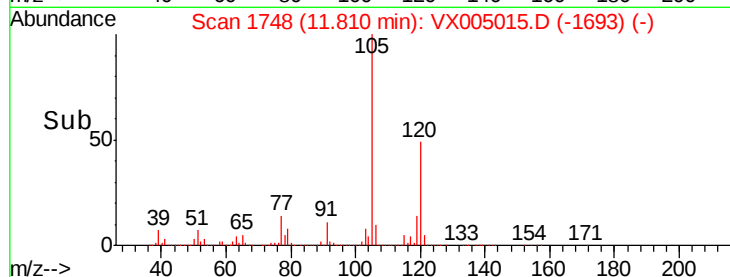
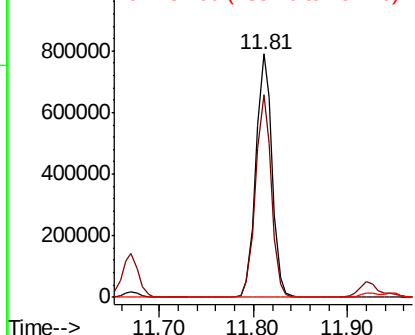
#83
tert-Butylbenzene
Concen: 80.179 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Instrument :
MSVOA_X
ClientSampleId :
N48719DL

Tot Ion:119 Resp: 962337
Ion Ratio Lower Upper
119 100
91 81.8 27.5 82.5
134 0.0 11.5 34.4#

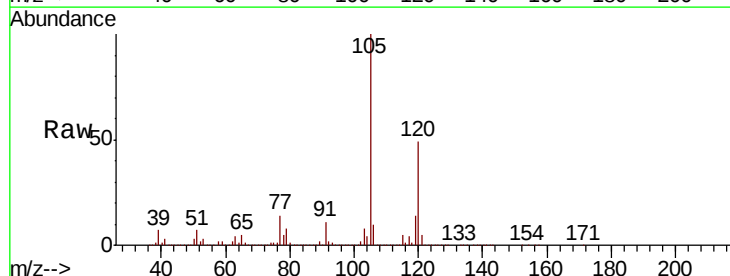


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

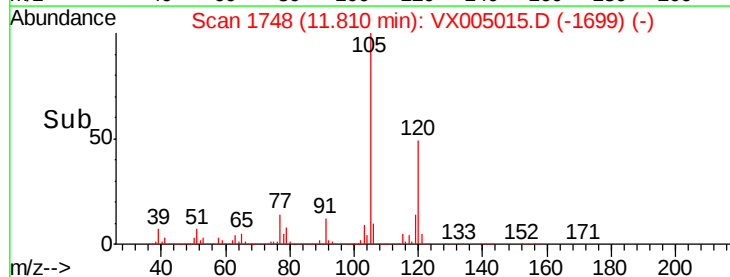
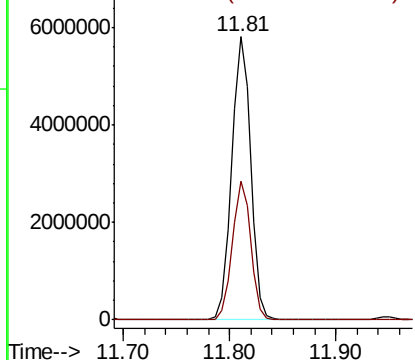


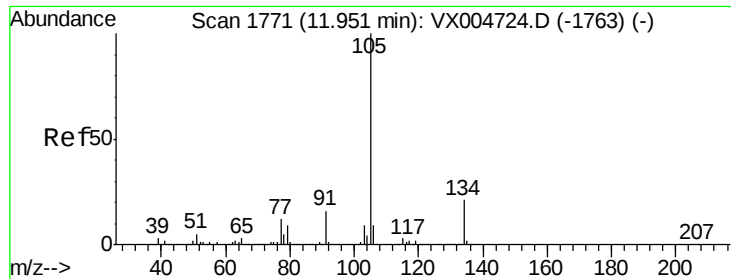
#84
1,2,4-Trimethylbenzene
Concen: 530.407 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion:105 Resp: 7282242
Ion Ratio Lower Upper
105 100
120 47.7 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

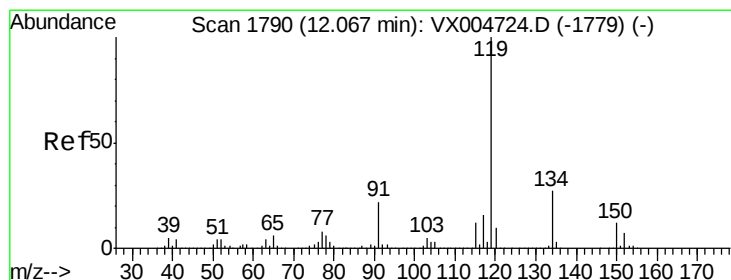
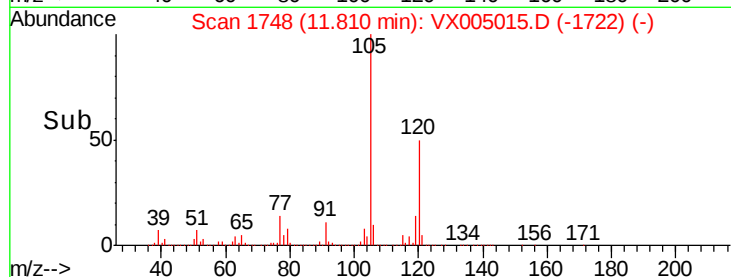
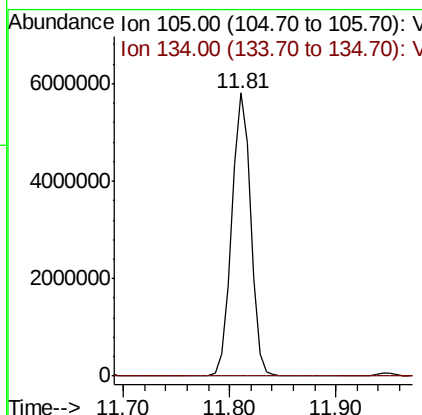
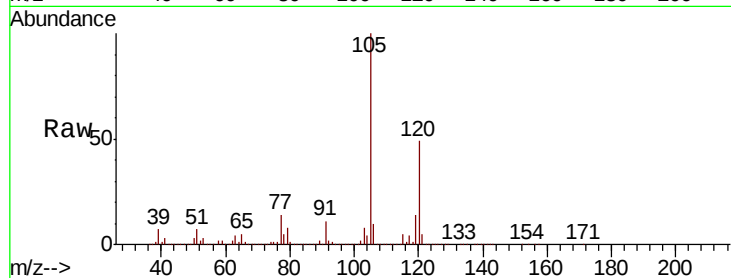




#85
 sec-Butylbenzene
 Concen: 498.126 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

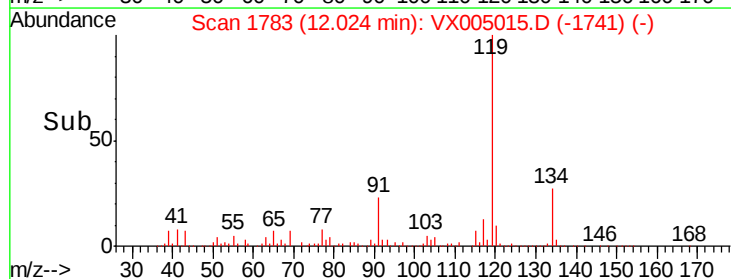
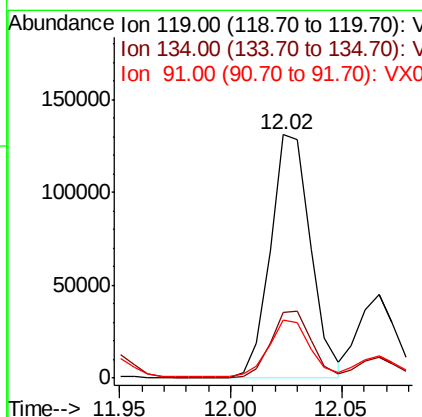
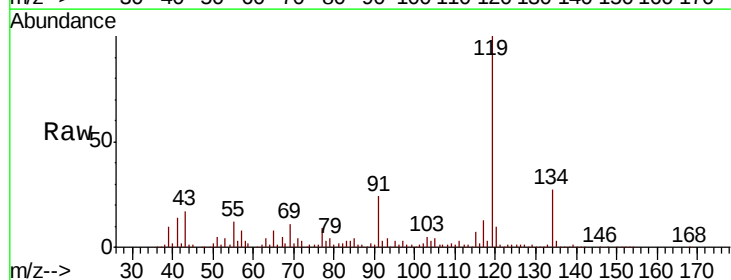
Instrument :
 MSVOA_X
 ClientSampleID :
 N48719DL

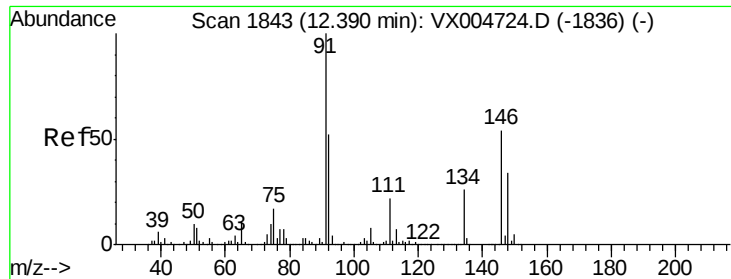
Tot Ion:105 Resp: 7282242
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 12.383 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX005015.D
 Acq: 04 Oct 2018 12:41

Tgt Ion:119 Resp: 164020
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.1
 91 23.6 11.5 34.4

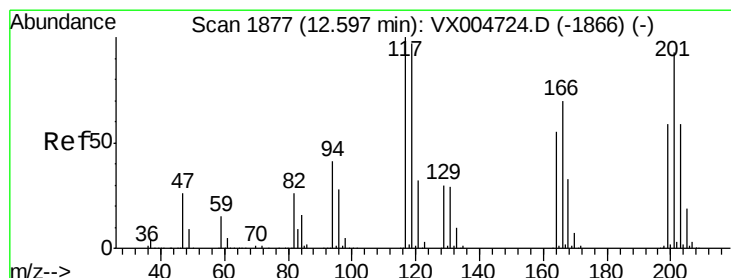
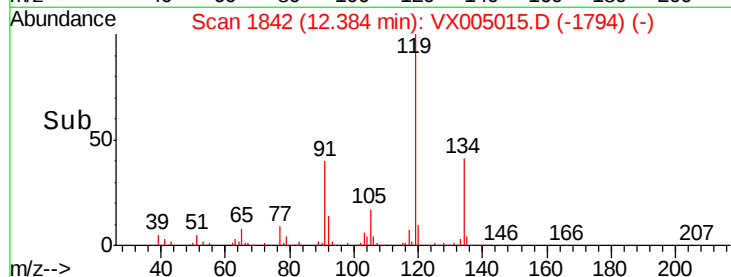
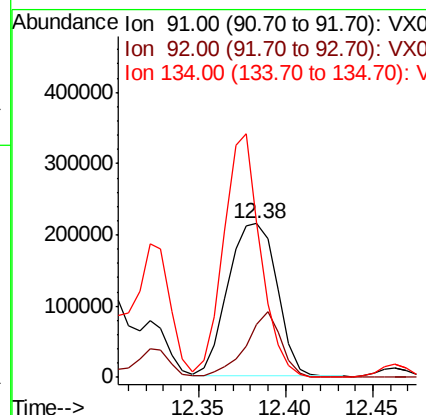
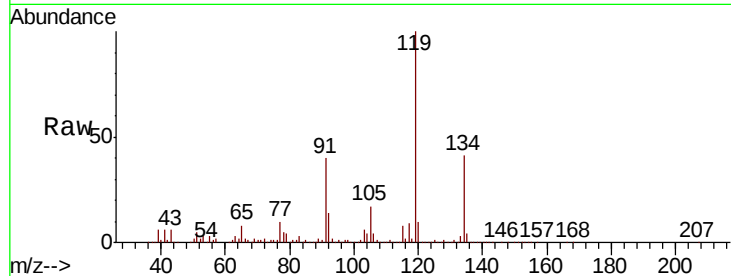




#89
n-Butylbenzene
Concen: 34.766 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

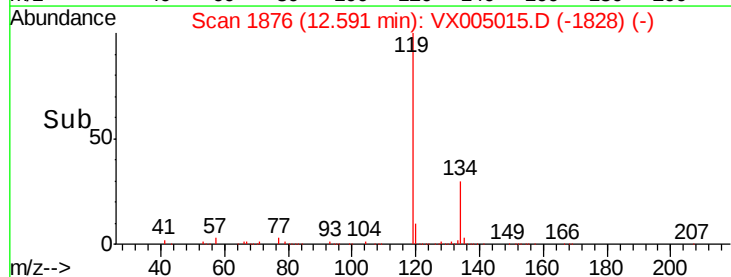
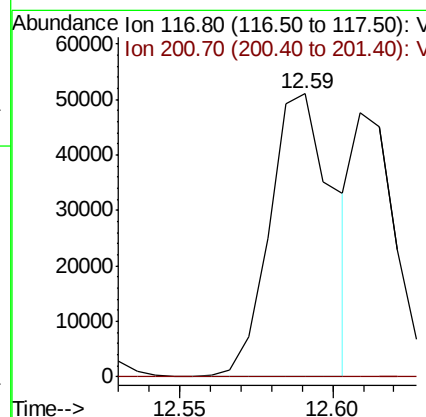
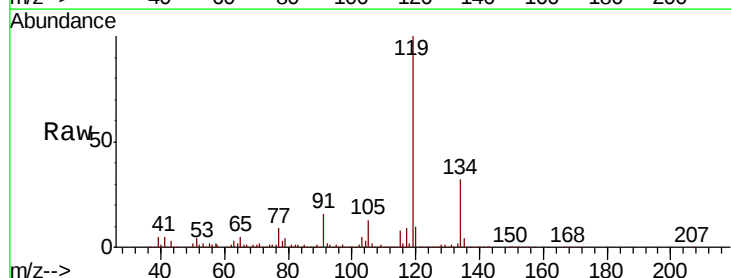
Instrument :
MSVOA_X
ClientSampled :
N48719DL

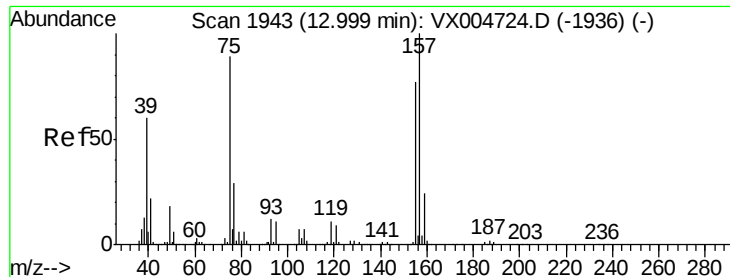
Tot Ion: 91 Resp: 418198
Ion Ratio Lower Upper
91 100
92 31.1 26.0 78.0
134 119.9 13.2 39.6#



#90
Hexachloroethane
Concen: 33.403 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX005015.D
Acq: 04 Oct 2018 12:41

Tgt Ion: 117 Resp: 73663
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.106 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Instrument :

MSVOA_X

ClientSampleId :

N48719DL

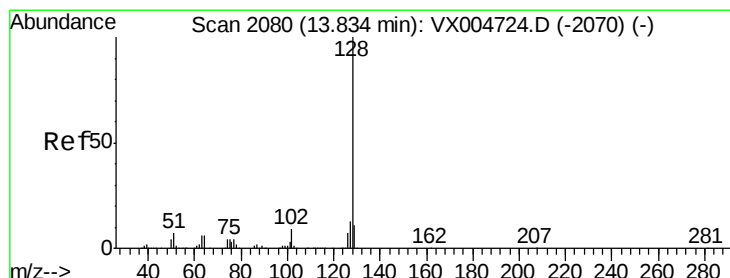
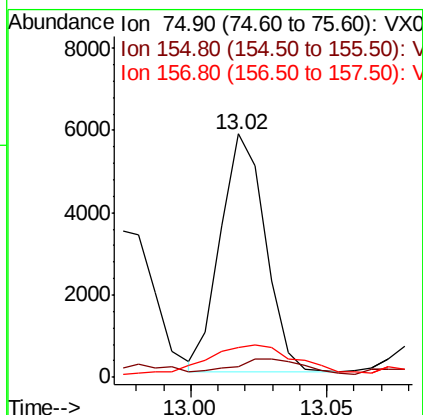
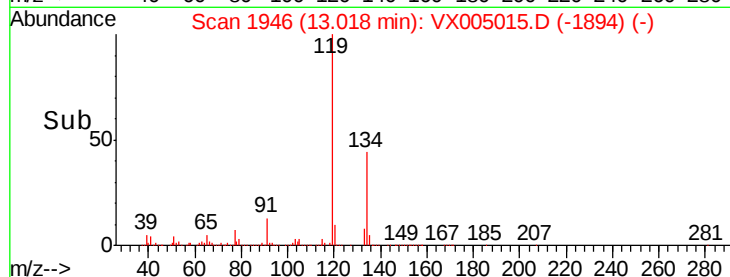
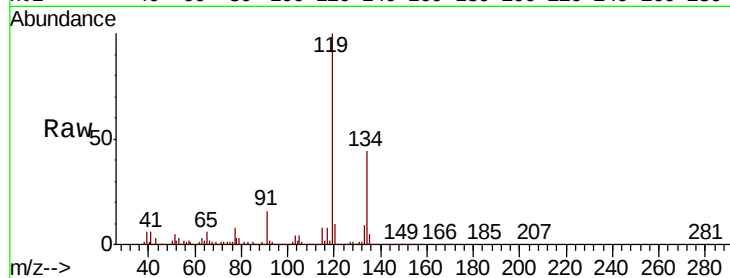
Tot Ion: 75 Resp: 6653

Ion Ratio Lower Upper

75 100

155 10.5 46.1 138.3#

157 29.6 60.2 180.6#



#95

Naphthalene

Concen: 175.190 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005015.D

Acq: 04 Oct 2018 12:41

Tgt Ion:128 Resp: 3405415

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.7 13.1

