

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
 Data File : VX008689.D
 Acq On : 05 Apr 2019 18:10
 Operator : JC/SP
 Sample : K2275-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Quant Time: Apr 06 01:25:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142830	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	104097	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	434359	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	149315	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	412	Below Cal	#	78
5) Bromomethane	1.64	94	402	2.128	ug/l	92
6) Chloroethane	1.72	64	214	Below Cal		99
10) Methyl Iodide	2.52	142	181	4.083	ug/l #	57
11) Tert butyl alcohol	3.04	59	821	1.158	ug/l #	72
15) Acrylonitrile	3.17	53	630	0.335	ug/l #	8
16) Acetone	2.44	43	1371	0.786	ug/l	94
17) Carbon Disulfide	2.57	76	918	Below Cal		99
18) Methyl Acetate	2.84	43	17691	4.181	ug/l #	56
20) Methylene Chloride	2.85	84	623	0.213	ug/l #	55
28) Bromochloromethane	5.02	49	39	Below Cal	#	22
29) Tetrahydrofuran	5.14	42	436	0.238	ug/l #	38
31) Cyclohexane	5.59	56	44426	8.489	ug/l	95
36) 1,1-Dichloropropene	5.67	75	16845	4.474	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20623	6.617	ug/l #	16
39) Methylcyclohexane	7.46	83	50181	10.788	ug/l	98
40) Benzene	6.15	78	78861	7.030	ug/l	99
45) 1,2-Dichloropropane	7.46	63	719	0.225	ug/l #	1
48) Methyl methacrylate	7.73	41	2774	0.697	ug/l #	49
52) Toluene	8.79	92	66936	10.121	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	2374	0.894	ug/l #	17
65) Chlorobenzene	10.13	112	4183	0.628	ug/l	96
67) Ethyl Benzene	10.25	91	178500	14.376	ug/l	99
68) m/p-Xylenes	10.35	106	185550	41.563	ug/l	98
69) o-Xylene	10.69	106	37633	8.698	ug/l	100
70) Styrene	10.70	104	2038	0.273	ug/l #	1
73) Isopropylbenzene	11.02	105	18600	1.718	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	75507	21.036	ug/l #	34
78) n-propylbenzene	11.36	91	24094	1.911	ug/l	98
79) 2-Chlorotoluene	11.43	91	12151	1.593	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	83533	9.190	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	75507	57.986	ug/l #	9
82) 4-Chlorotoluene	11.51	91	8895	1.007	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.80	105	179892	19.545	ug/l	99

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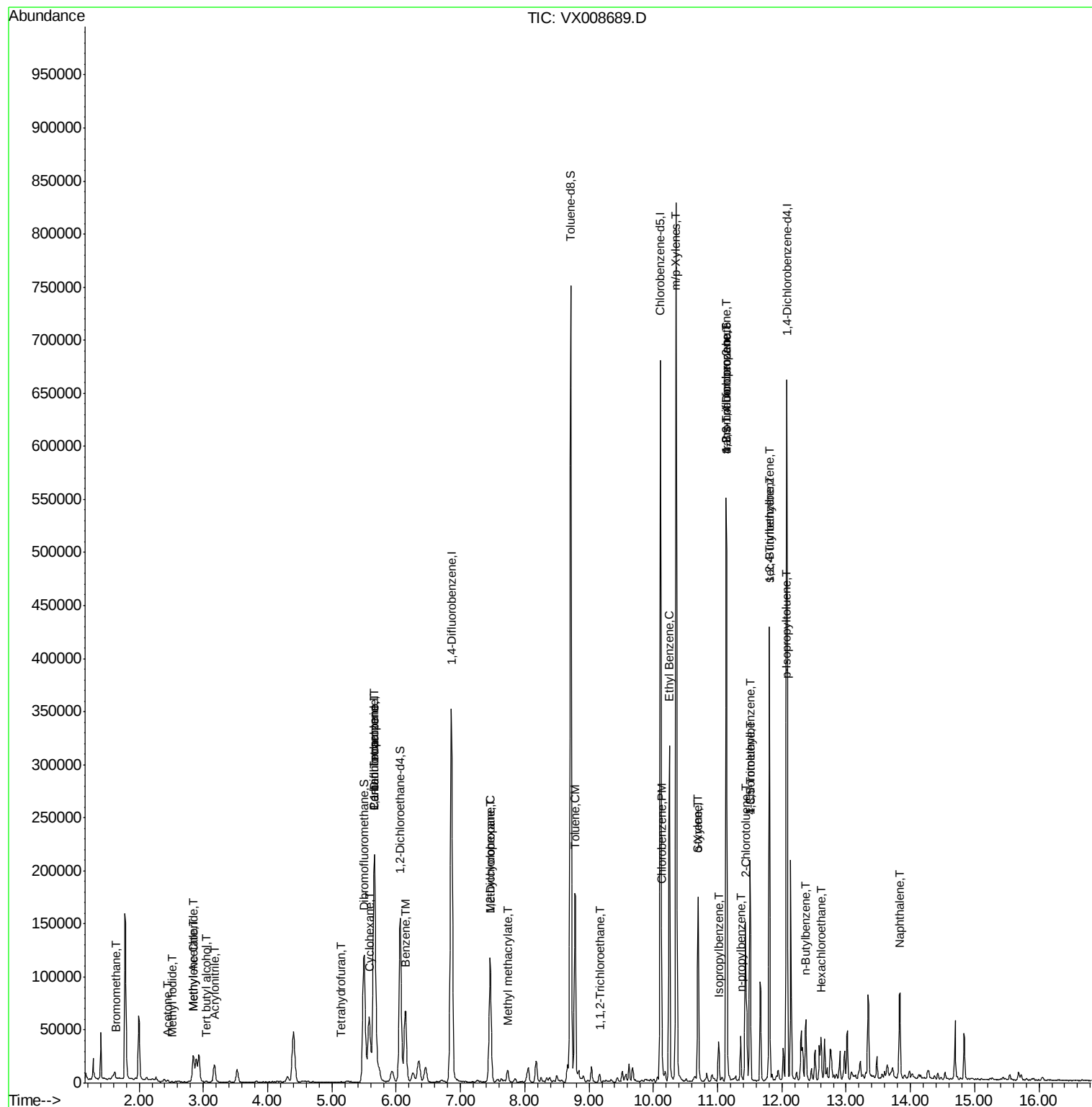
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	179892	17.318	ug/l #	58
86) p-Isopropyltoluene	12.06	119	6124	0.657	ug/l	90
89) n-Butylbenzene	12.37	91	6385	0.730	ug/l #	13
90) Hexachloroethane	12.61	117	1304	0.843	ug/l #	9
95) Naphthalene	13.83	128	49999	4.650	ug/l	99

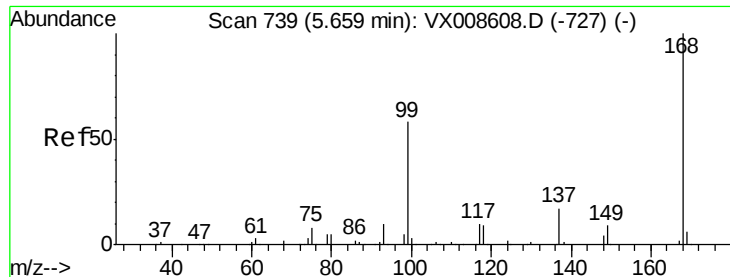
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

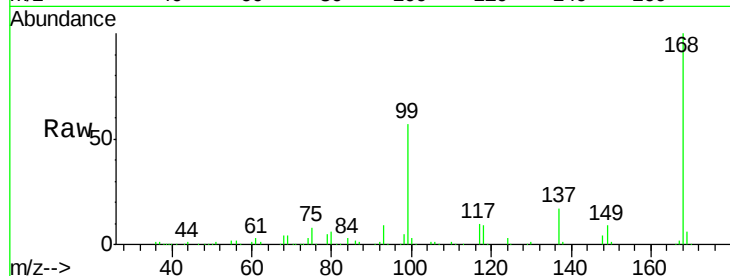
S8-0705DL

Tot Ion:168 Resp: 207672

Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

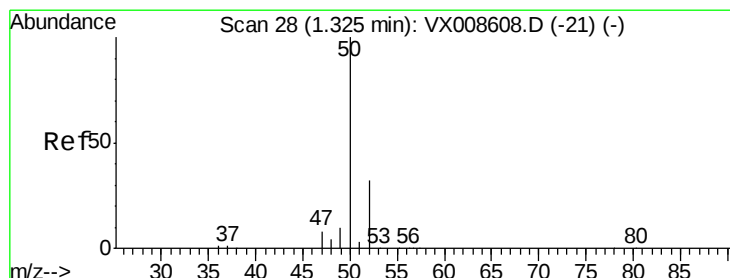
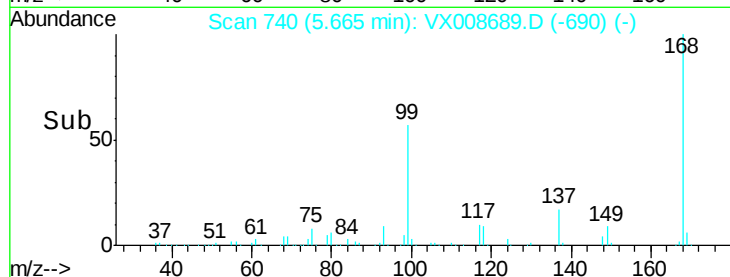
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008689.D

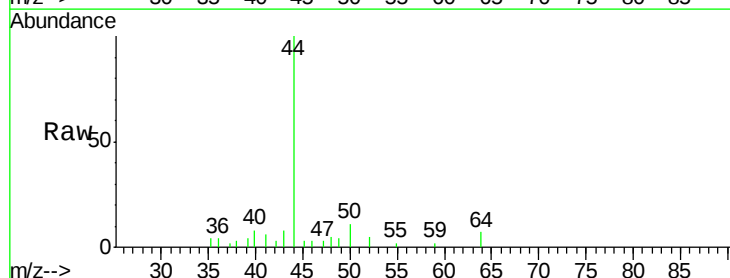
Acq: 05 Apr 2019 18:10

Tgt Ion: 50 Resp: 412

Ion Ratio Lower Upper

50 100

52 44.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

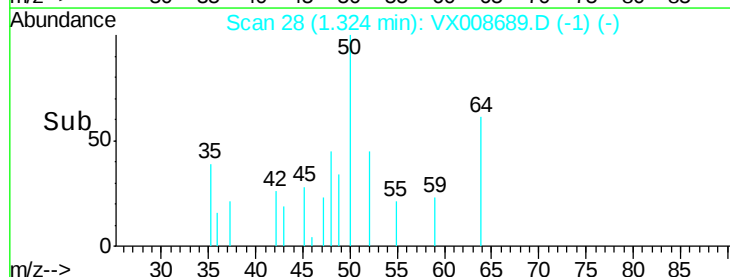
150

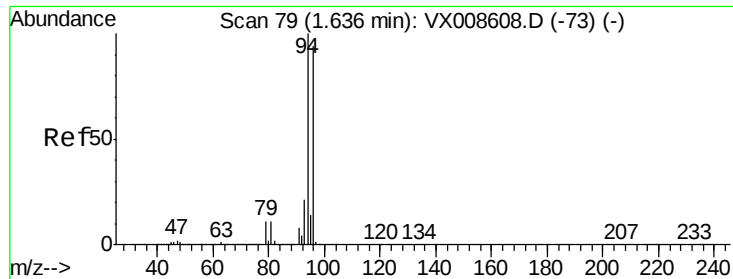
100

50

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 2.128 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleID :

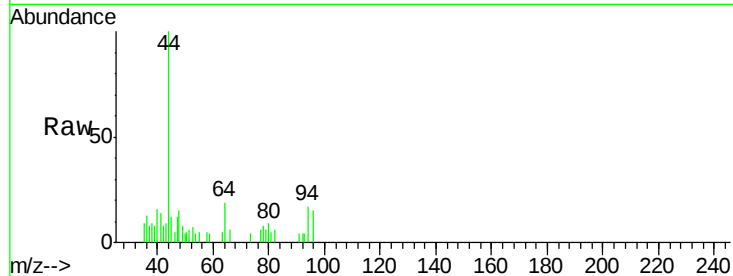
S8-0705DL

Tot Ion: 94 Resp: 402

Ion Ratio Lower Upper

94 100

96 86.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

100

50

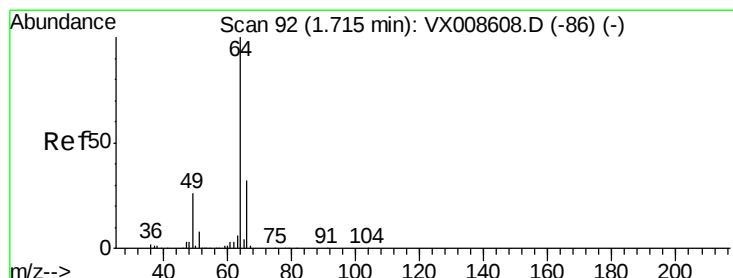
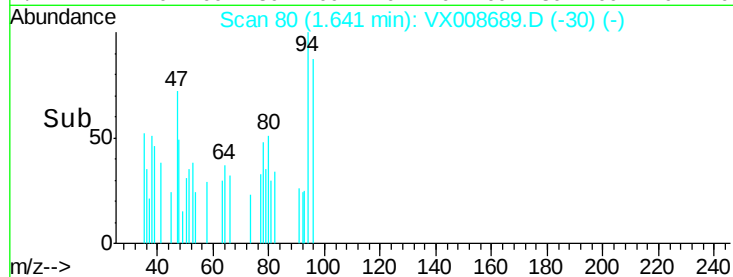
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008689.D

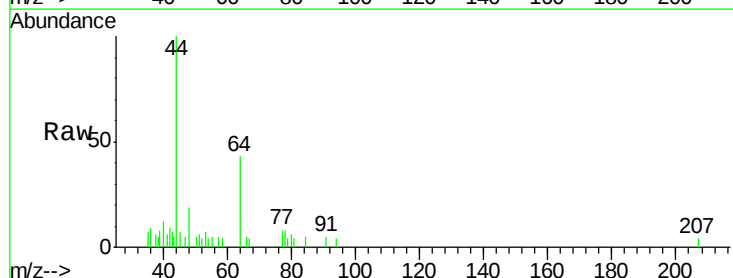
Acq: 05 Apr 2019 18:10

Tgt Ion: 64 Resp: 214

Ion Ratio Lower Upper

64 100

66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

600

400

200

0

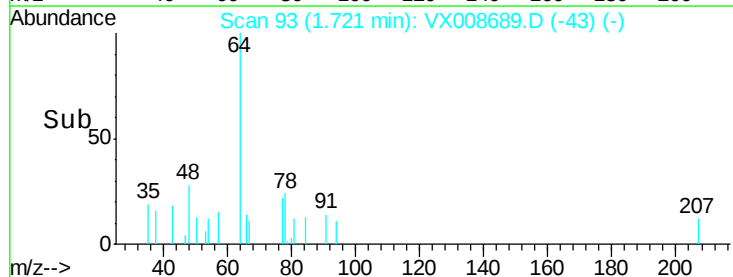
1.68

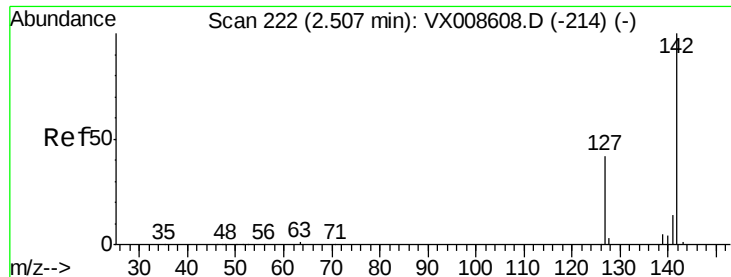
1.70

1.72

1.74

Time-->

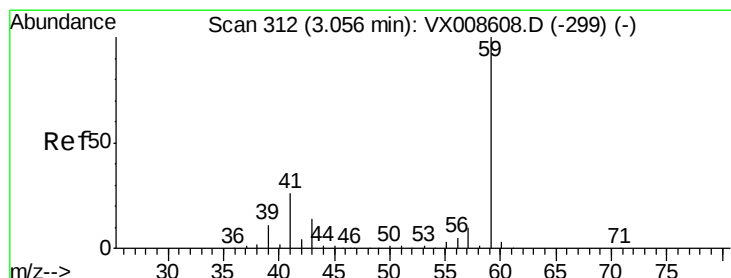
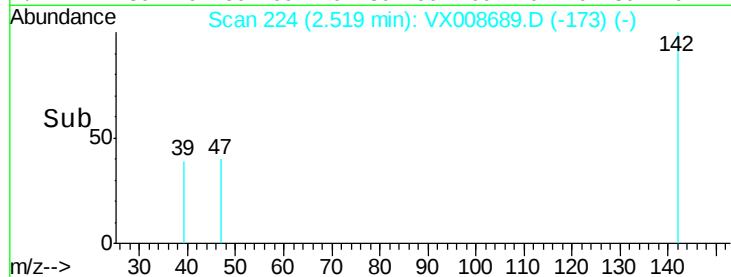
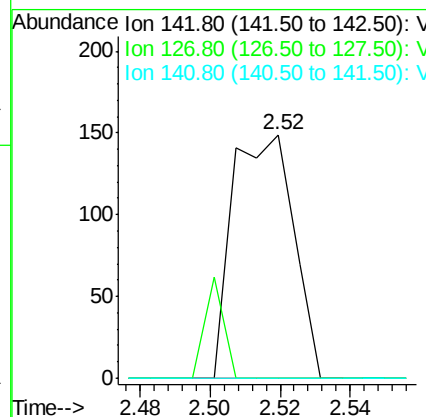
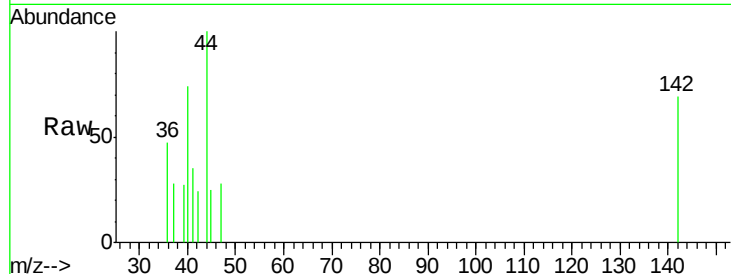




#10
Methvl Iodide
Concen: 4.083 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

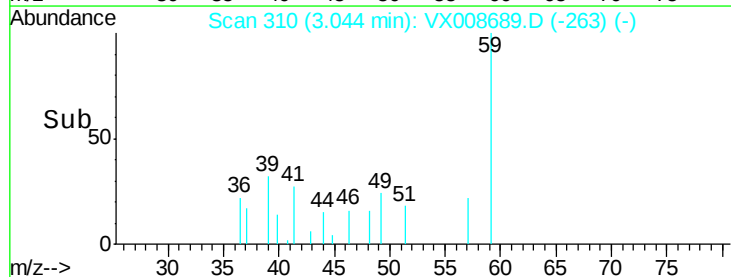
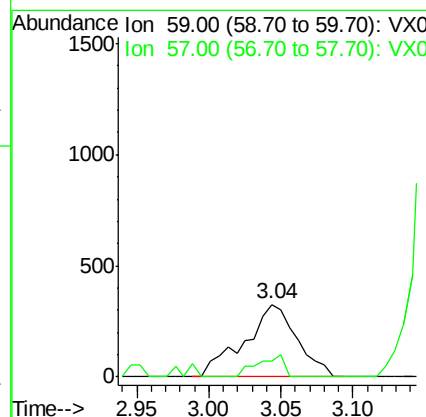
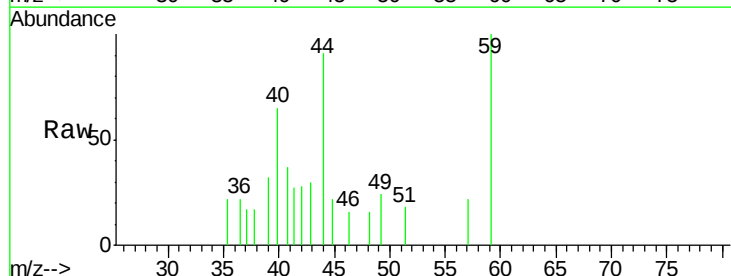
Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

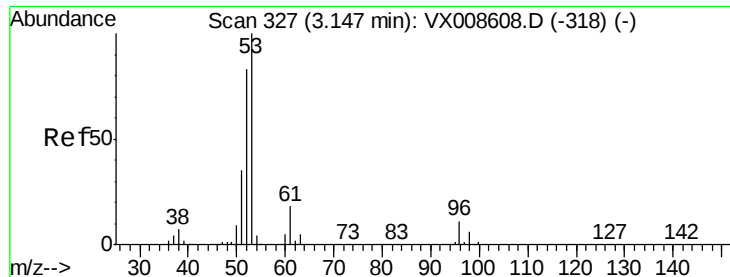
Tot Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
127 12.7 33.0 49.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.158 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 59 Resp: 821
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 0.335 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

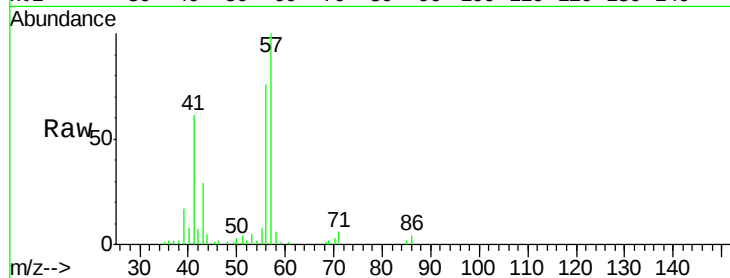
Tot Ion: 53 Resp: 630

Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

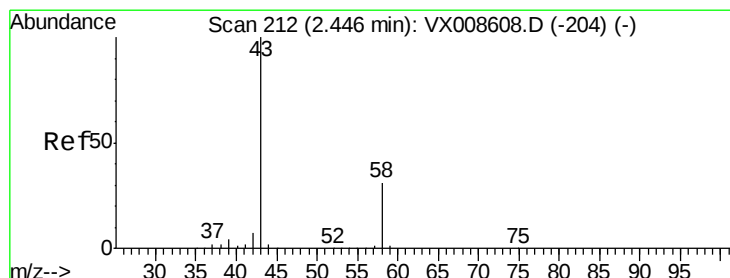
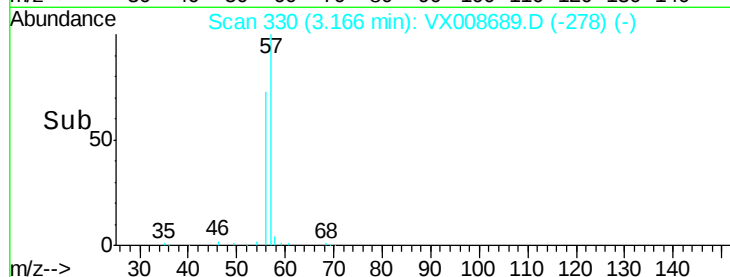
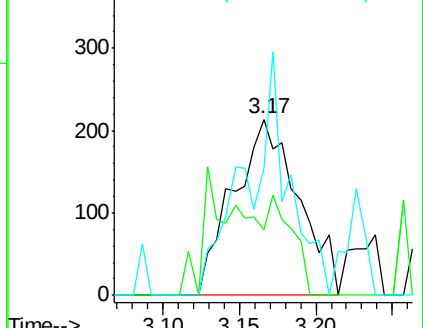
51 89.7 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.786 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008689.D

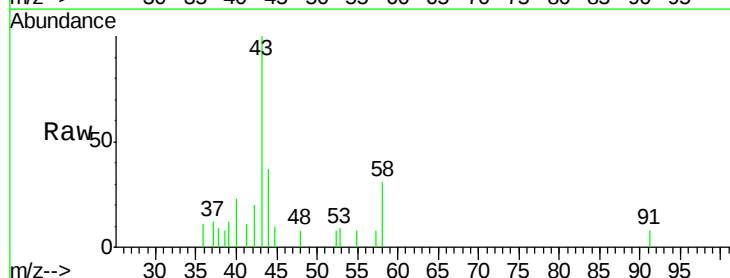
Acq: 05 Apr 2019 18:10

Tgt Ion: 43 Resp: 1371

Ion Ratio Lower Upper

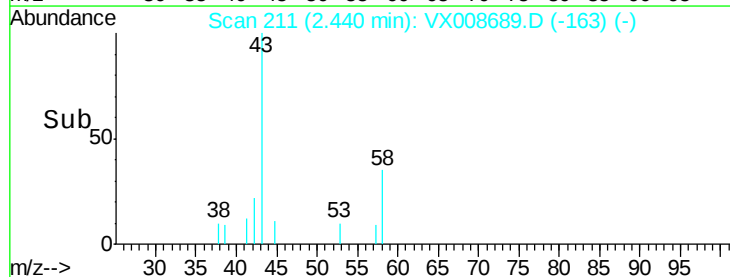
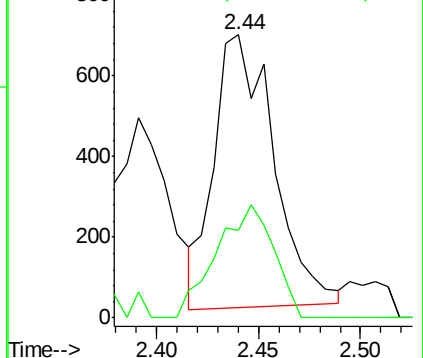
43 100

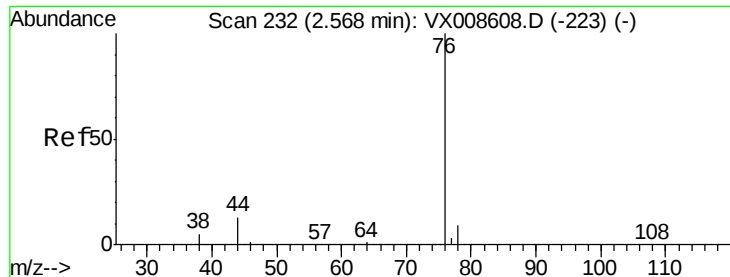
58 34.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

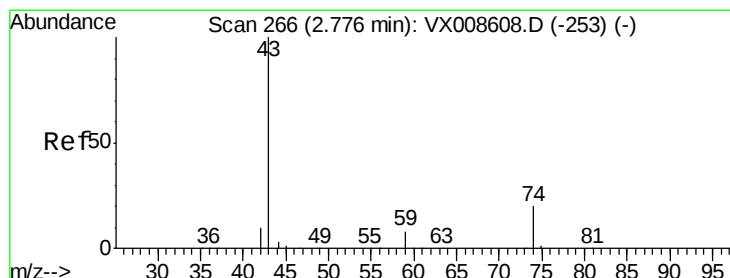
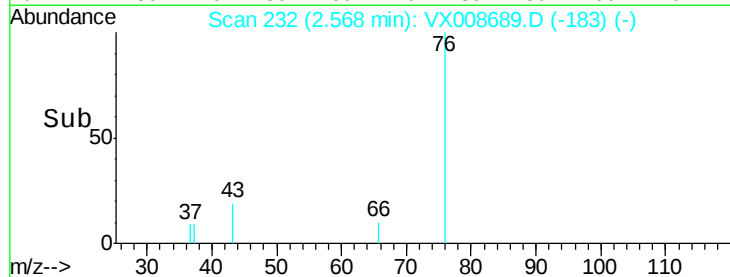
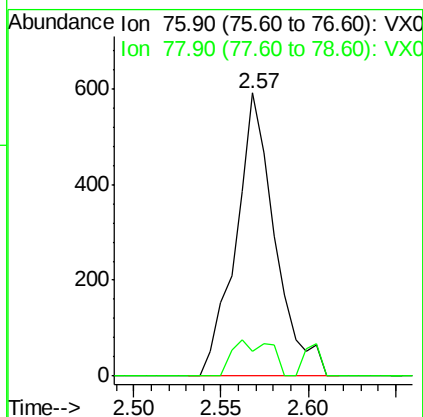
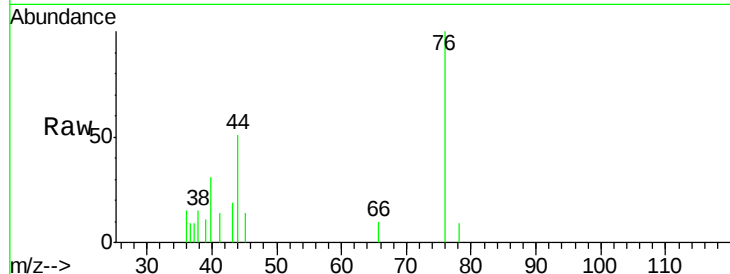




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

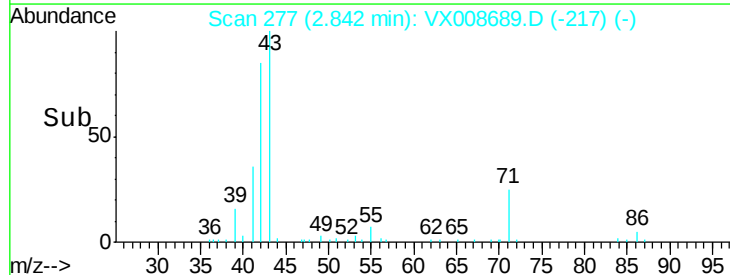
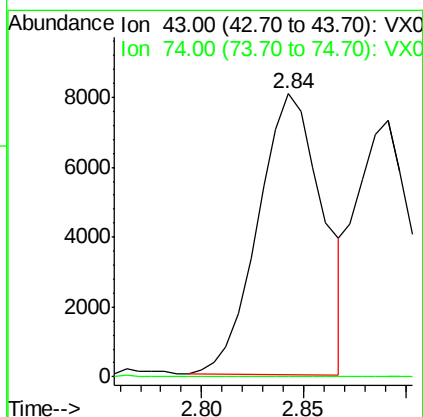
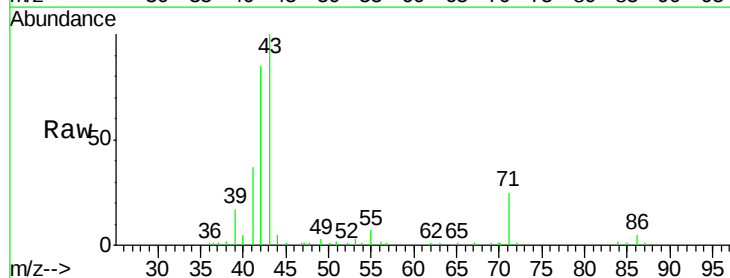
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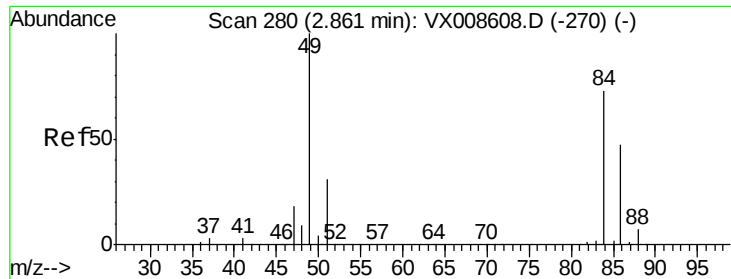
Tot Ion: 76 Resp: 918
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 4.181 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 43 Resp: 17691
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#

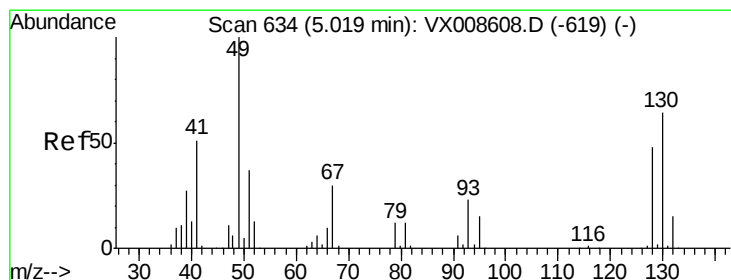
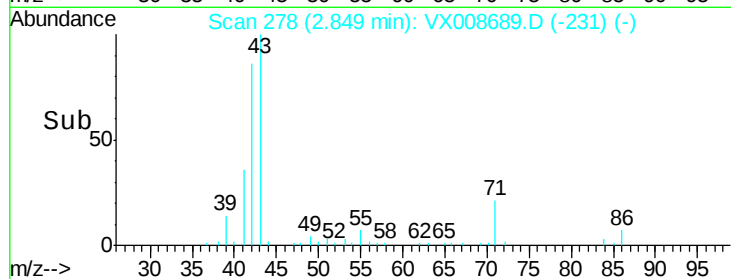
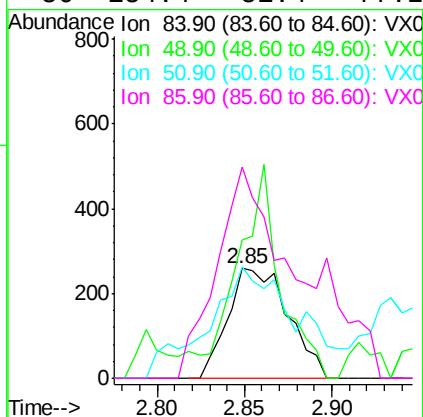
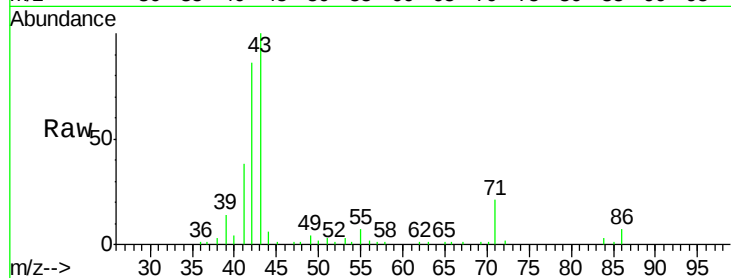




#20
Methvlene Chloride
Concen: 0.213 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

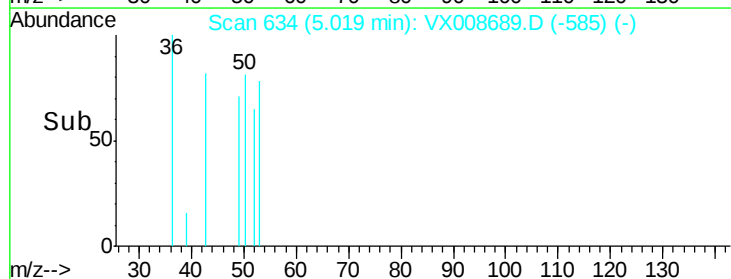
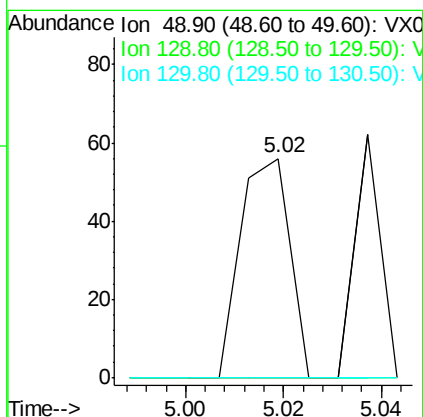
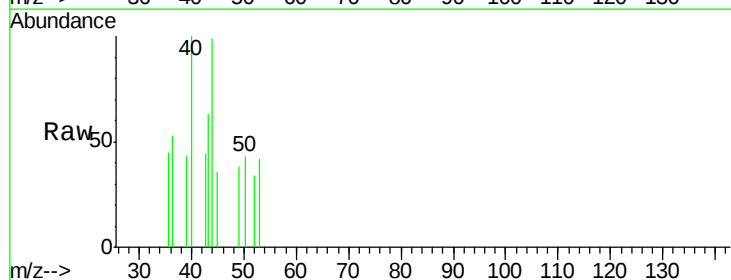
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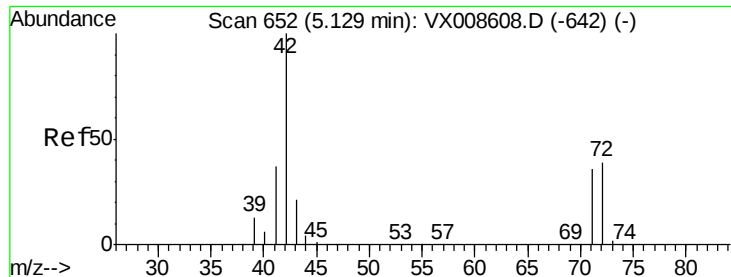
Tot Ion: 84 Resp: 623
Ion Ratio Lower Upper
84 100
49 125.5 109.7 164.5
51 74.9 33.6 50.4#
86 154.4 51.4 77.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 49 Resp: 39
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#





#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

S8-0705DL

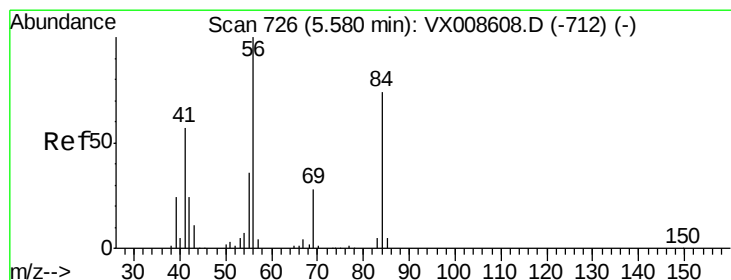
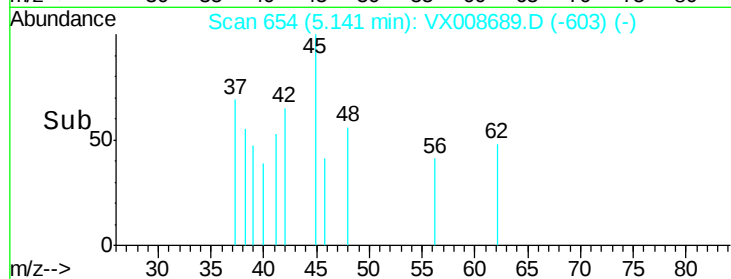
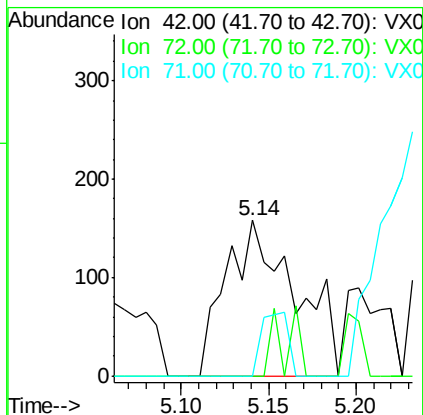
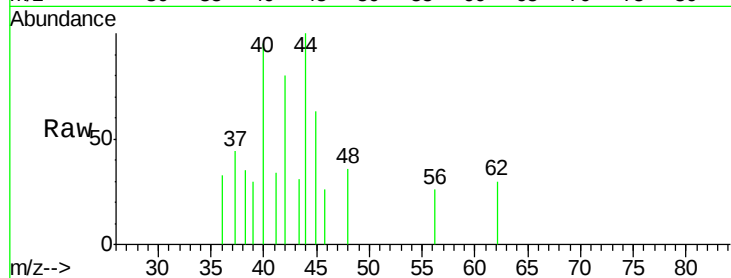
Tot Ion: 42 Resp: 436

Ion Ratio Lower Upper

42 100

72 0.0 30.5 45.7#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 8.489 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

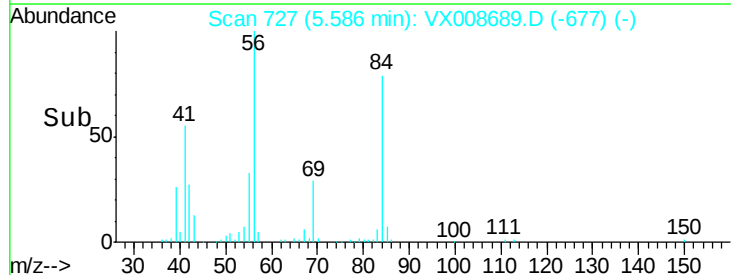
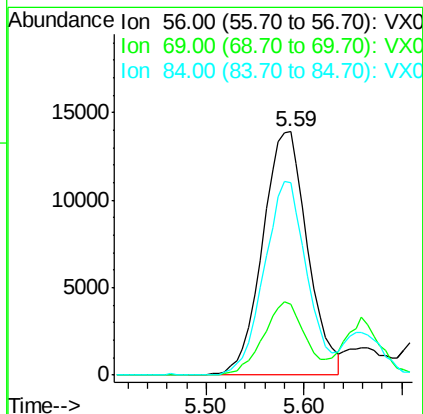
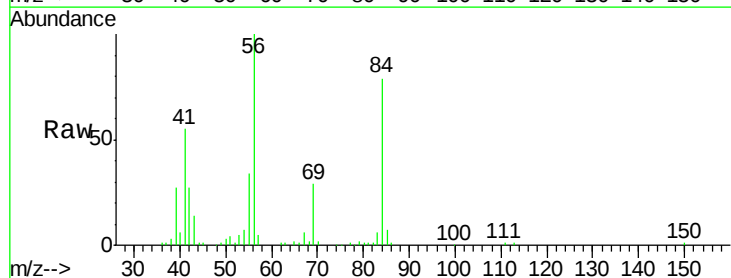
Tgt Ion: 56 Resp: 44426

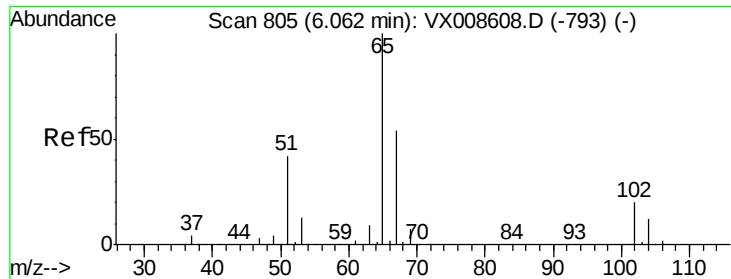
Ion Ratio Lower Upper

56 100

69 29.0 22.6 33.8

84 78.9 59.3 88.9





#33

1,2-Dichloroethane-d4

Concen: 47.154 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

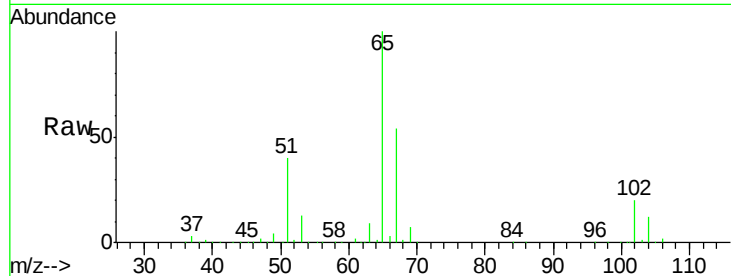
S8-0705DL

Tot Ion: 65 Resp: 142830

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

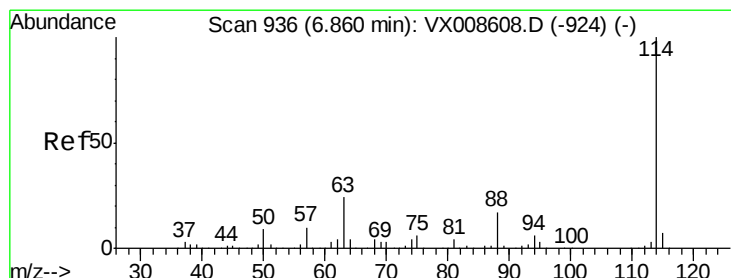
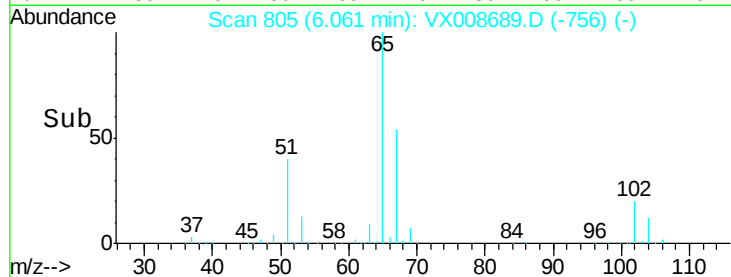
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

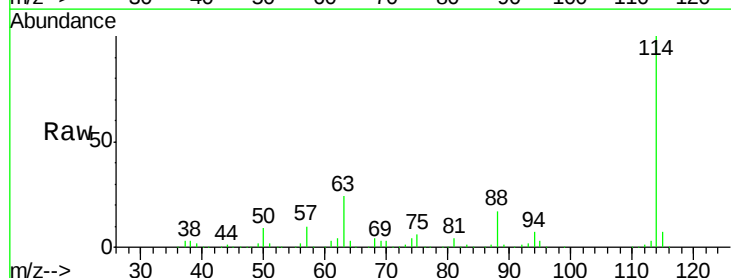
Tgt Ion: 114 Resp: 344472

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.2

88 17.0 0.0 34.0



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

200000

150000

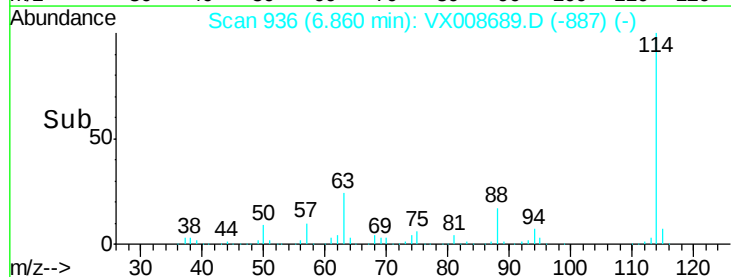
100000

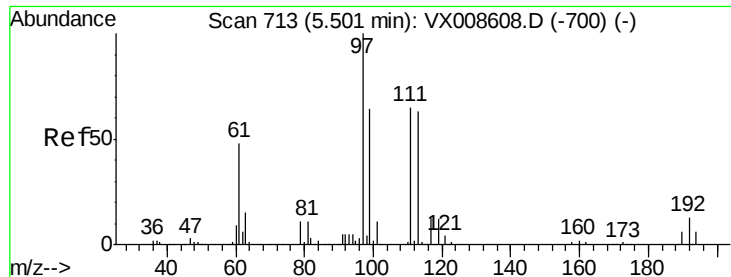
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

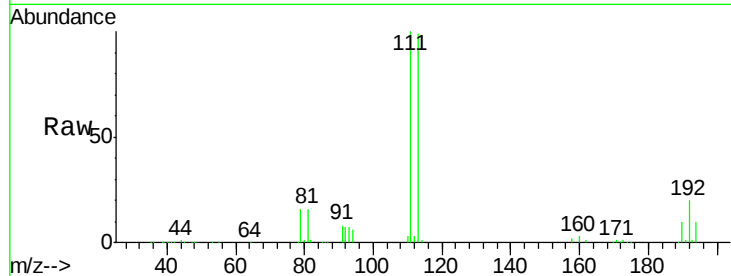
Tot Ion:113 Resp: 104097

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

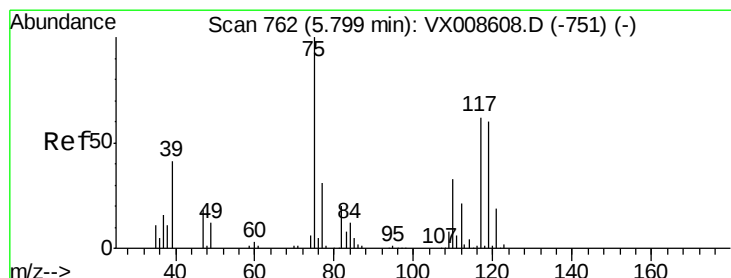
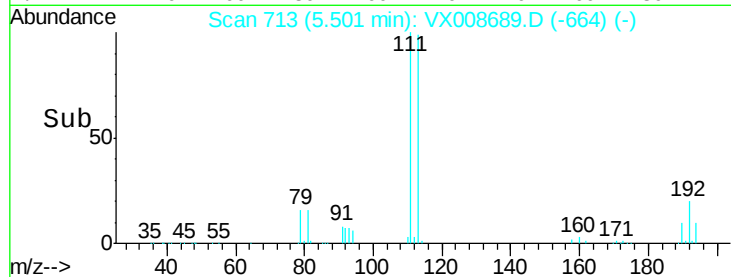
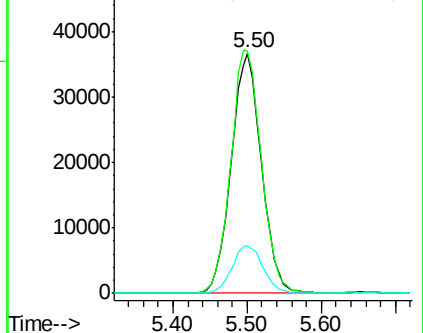
192 20.3 16.1 24.1



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: 4.474 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

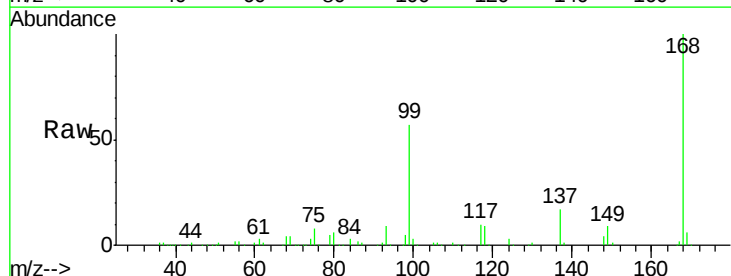
Tgt Ion: 75 Resp: 16845

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.2#

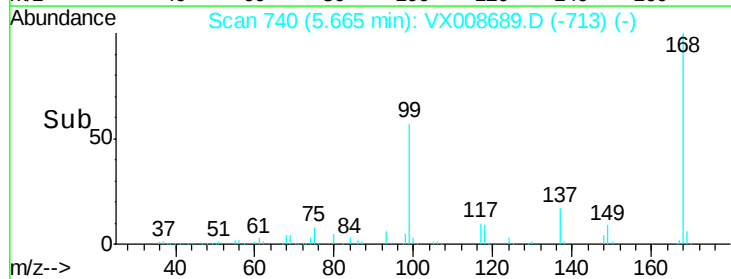
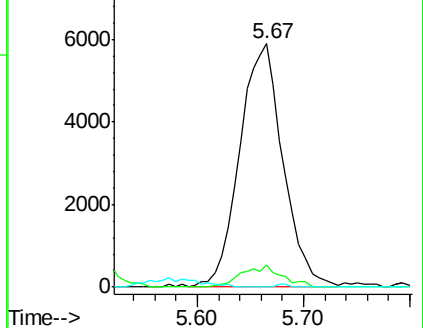
77 0.3 24.7 37.1#

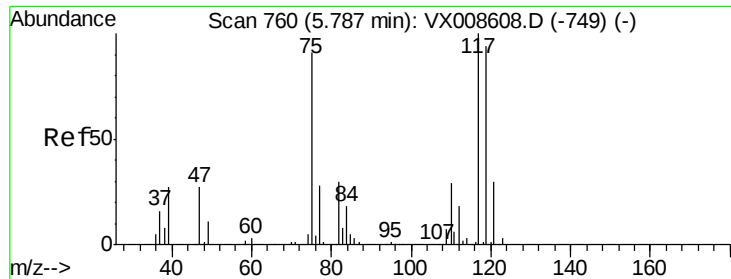


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.617 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampled :

S8-0705DL

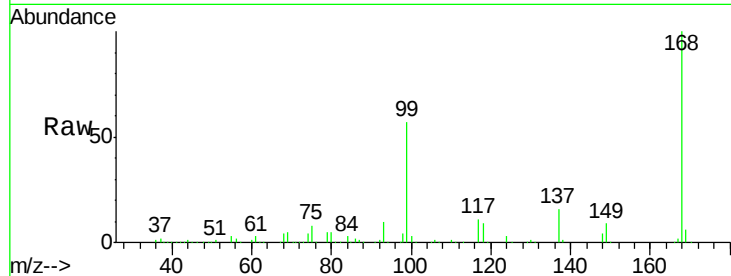
Tot Ion:117 Resp: 20623

Ion Ratio Lower Upper

117 100

119 3.9 75.0 112.6#

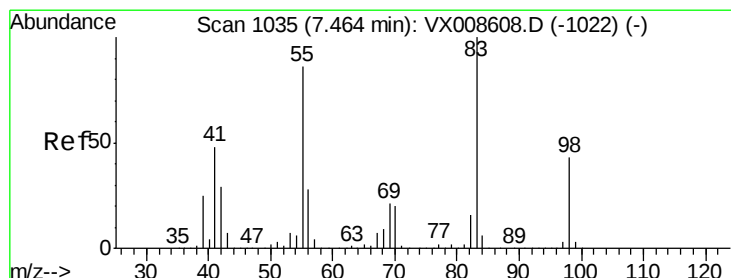
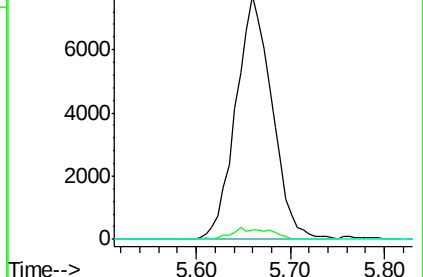
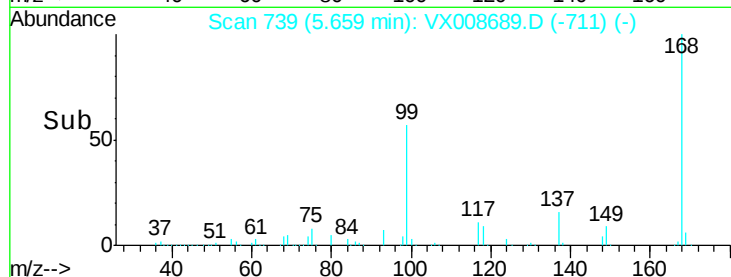
121 0.0 24.3 36.5#



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: 10.788 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

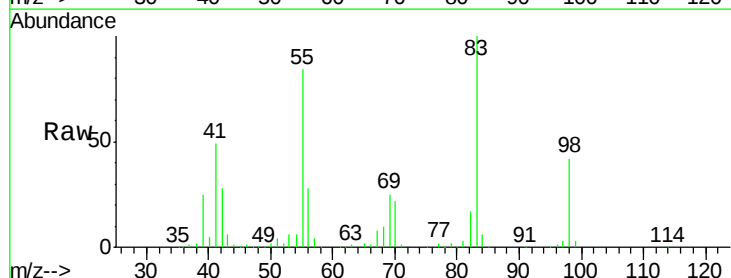
Tgt Ion: 83 Resp: 50181

Ion Ratio Lower Upper

83 100

55 84.4 69.0 103.6

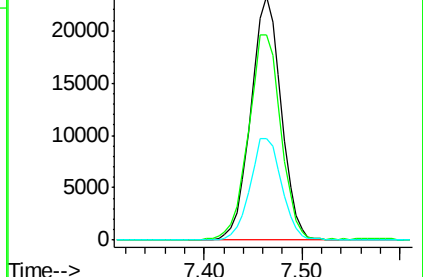
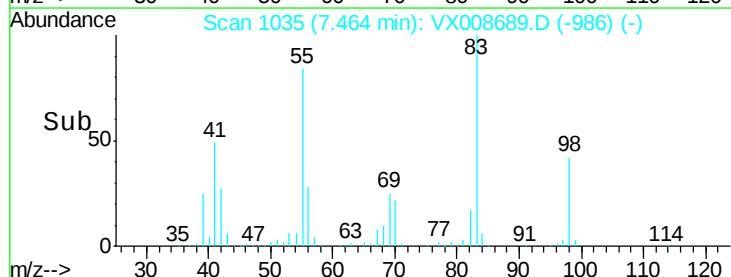
98 41.6 34.4 51.6

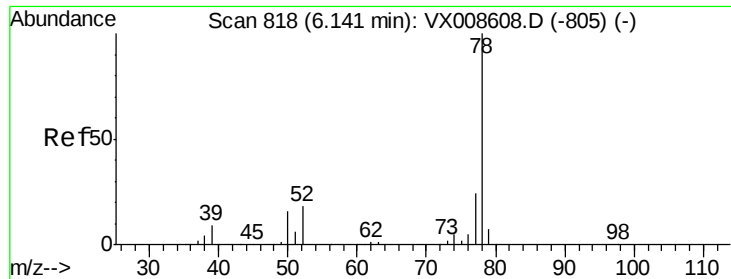


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 7.030 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

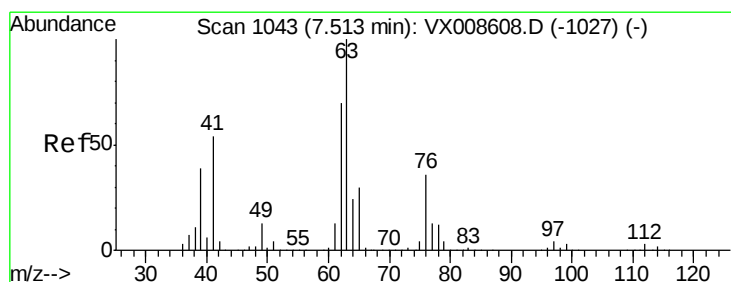
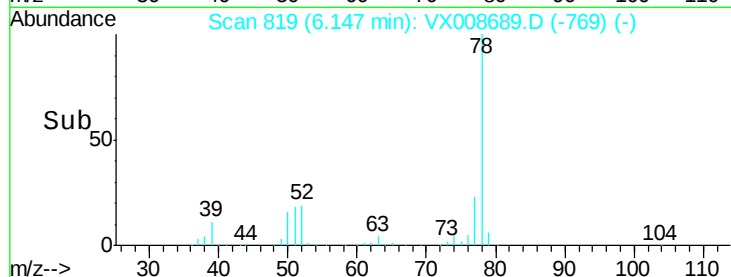
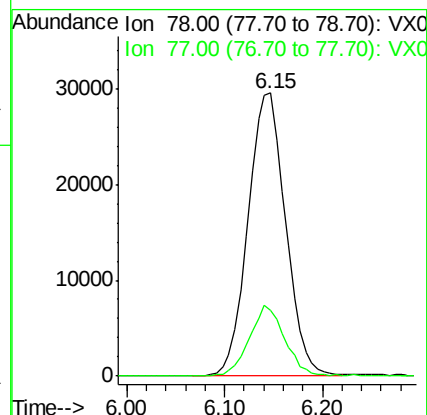
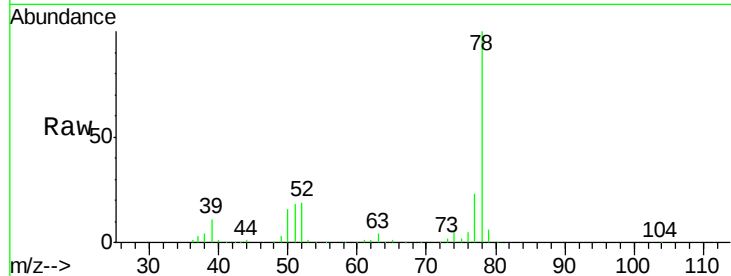
S8-0705DL

Tot Ion: 78 Resp: 78861

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX008689.D

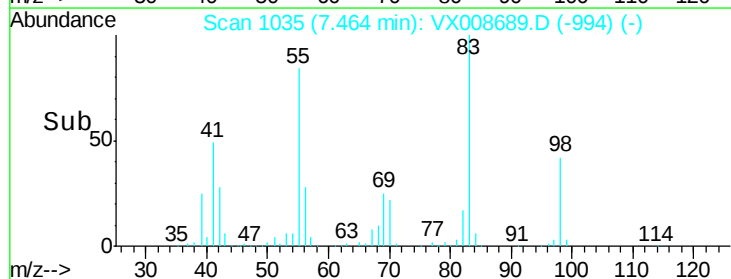
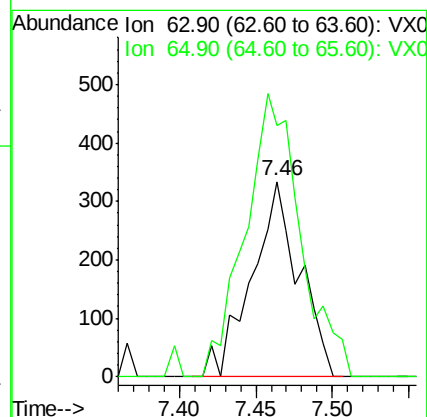
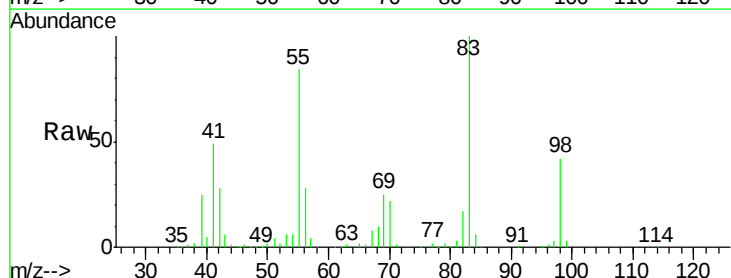
Acq: 05 Apr 2019 18:10

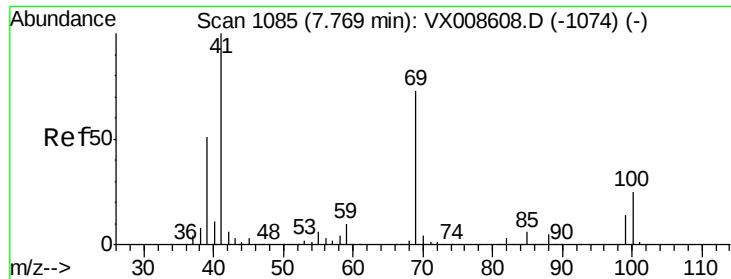
Tgt Ion: 63 Resp: 719

Ion Ratio Lower Upper

63 100

65 128.4 24.2 36.4#





#48

Methvl methacrylate

Concen: 0.697 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

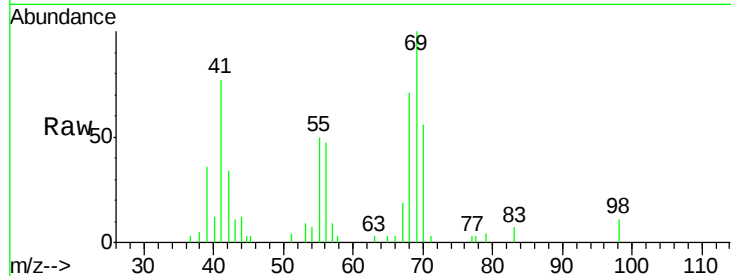
Tot Ion: 41 Resp: 2774

Ion Ratio Lower Upper

41 100

69 142.3 59.0 88.4#

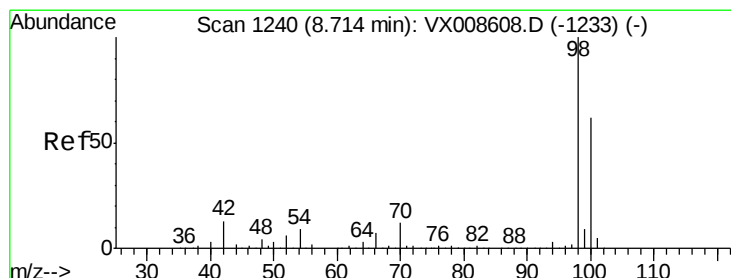
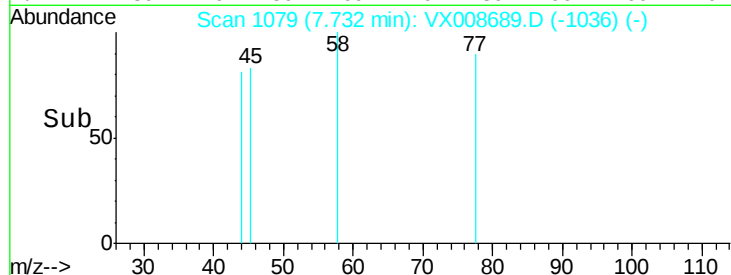
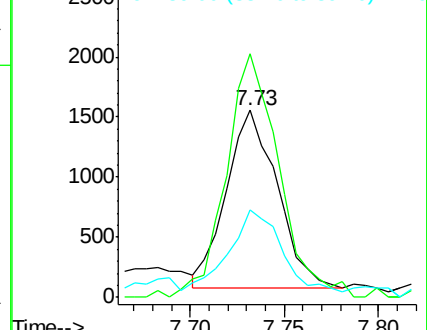
39 46.1 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 49.531 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008689.D

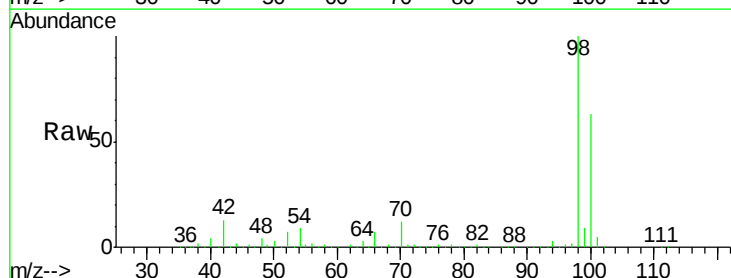
Acq: 05 Apr 2019 18:10

Tgt Ion: 98 Resp: 434359

Ion Ratio Lower Upper

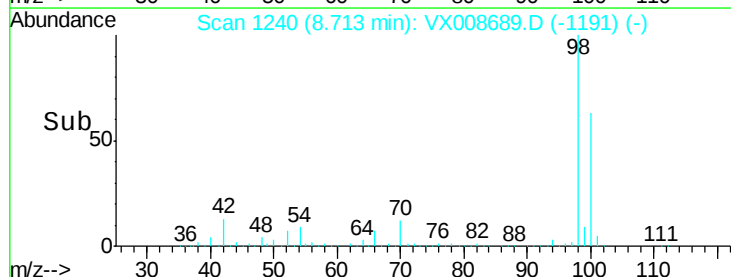
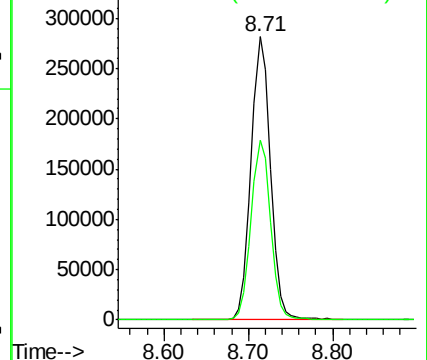
98 100

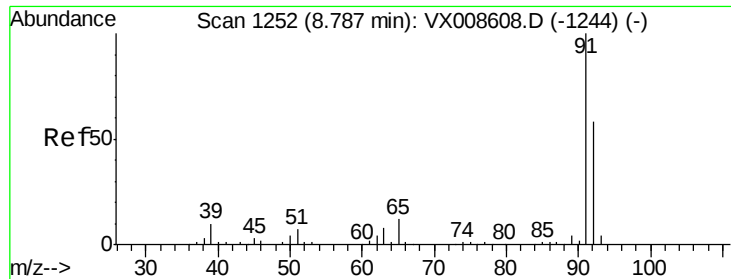
100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 10.121 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

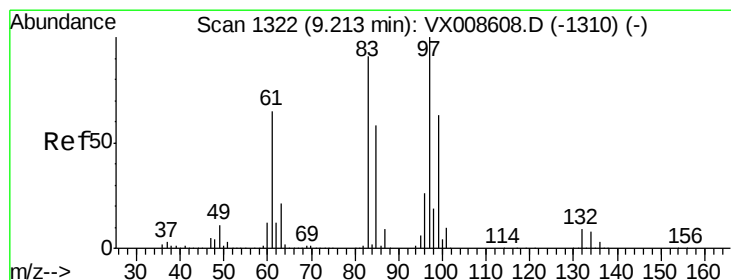
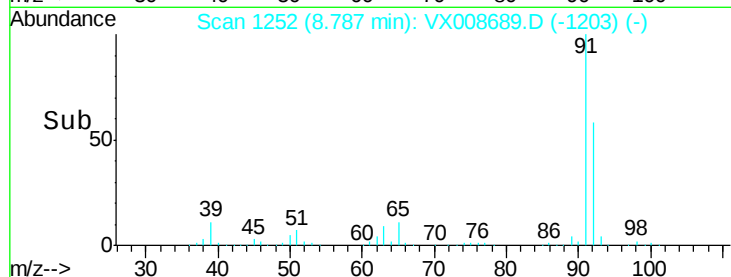
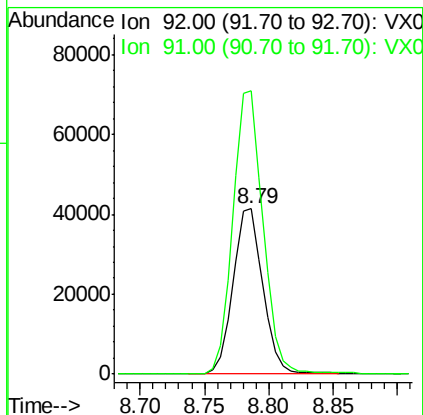
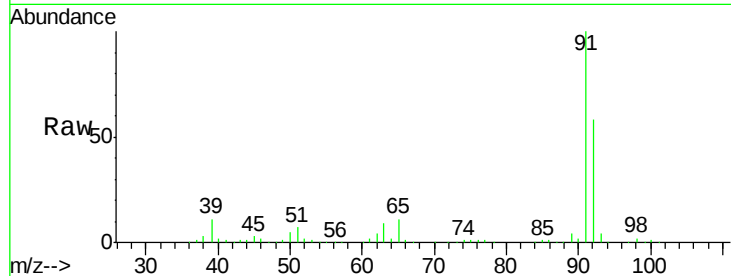
S8-0705DL

Tot Ion: 92 Resp: 66936

Ion Ratio Lower Upper

92 100

91 173.5 138.5 207.7



#55

1,1,2-Trichloroethane

Concen: 0.894 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Tgt Ion: 97 Resp: 2374

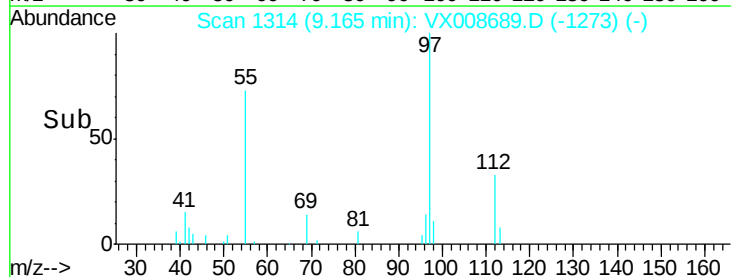
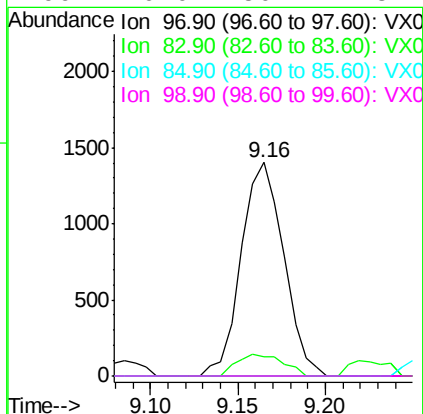
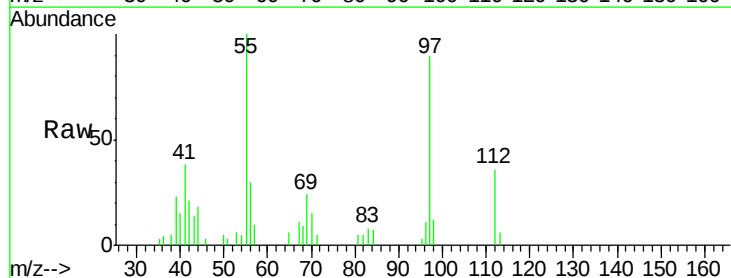
Ion Ratio Lower Upper

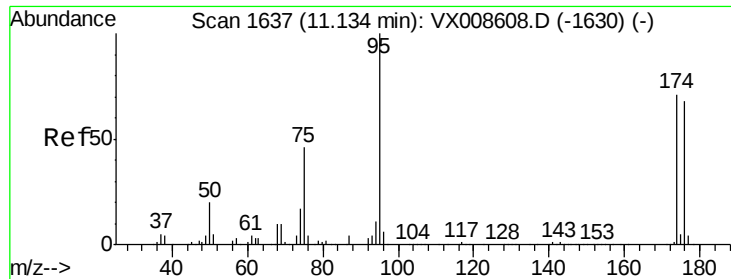
97 100

83 9.3 73.2 109.8#

85 0.0 46.6 69.8#

99 0.0 50.1 75.1#





#62

4-Bromofluorobenzene

Concen: 48.015 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

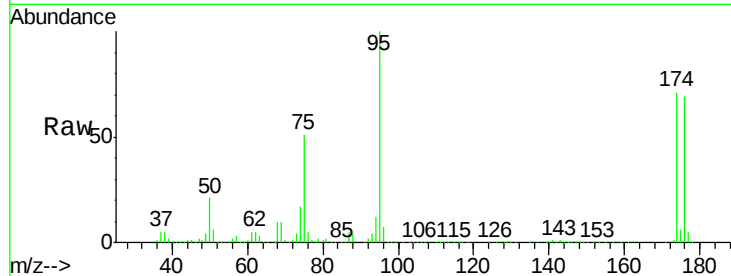
Tot Ion: 95 Resp: 149315

Ion Ratio Lower Upper

95 100

174 77.7 0.0 151.8

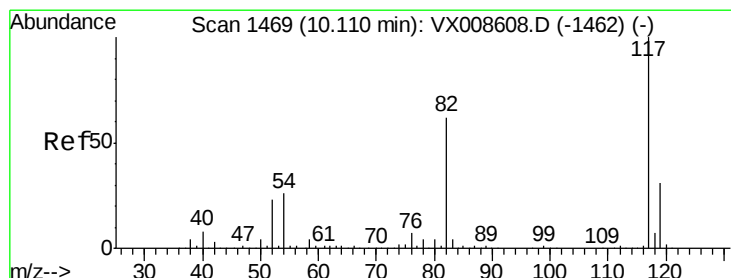
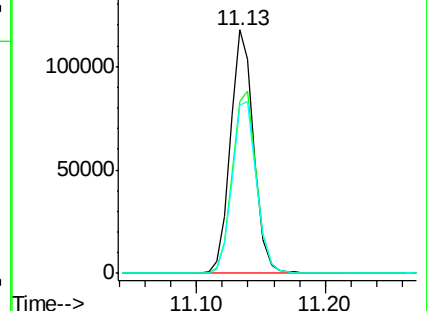
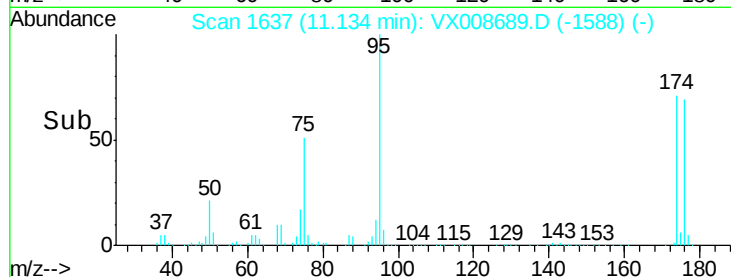
176 74.3 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008689.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008689.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008689.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

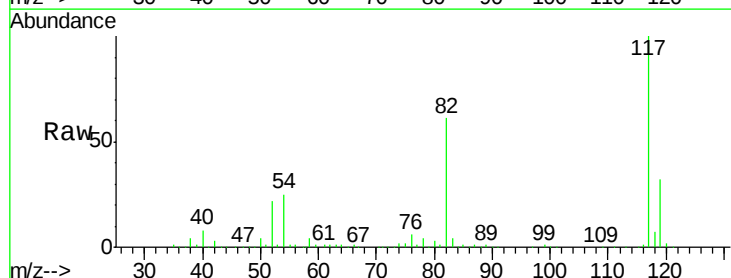
Tgt Ion: 117 Resp: 300387

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

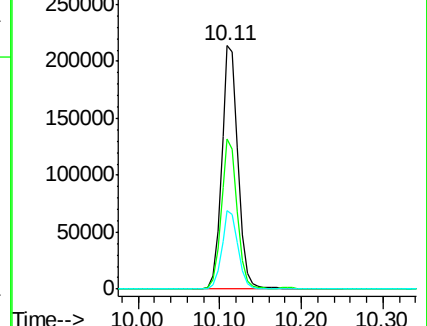
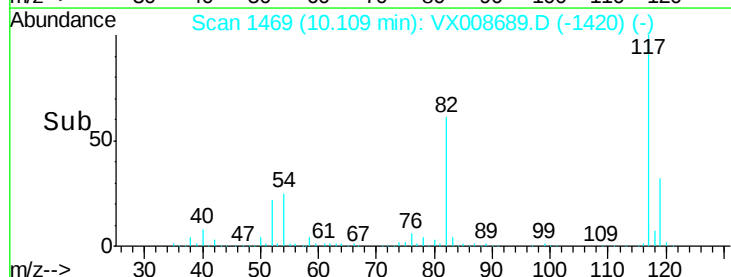
119 32.2 25.0 37.4

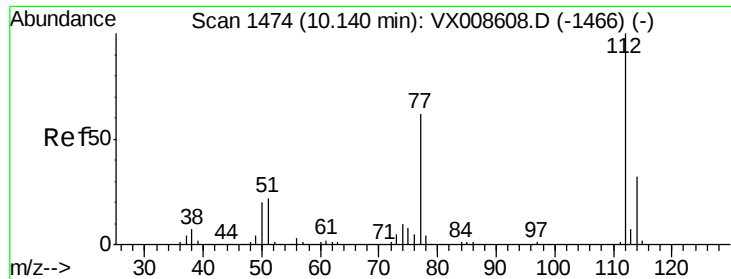


Abundance Ion 116.90 (116.60 to 117.60): VX008689.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008689.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008689.D (-1420) (-)

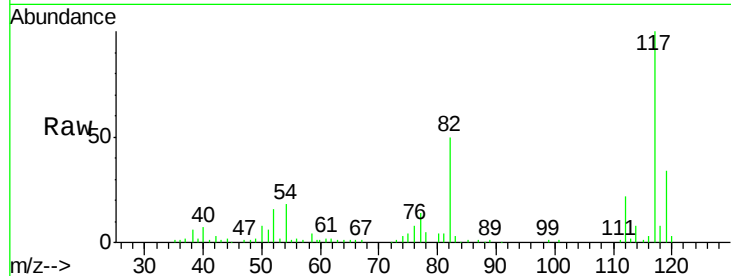




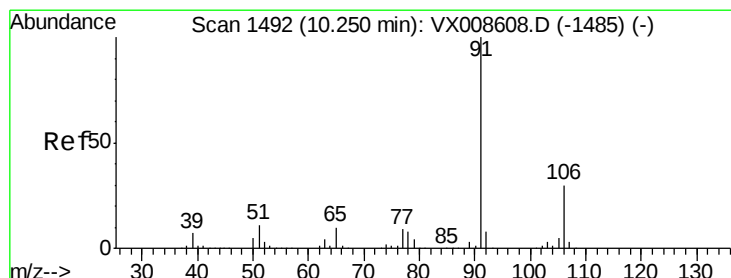
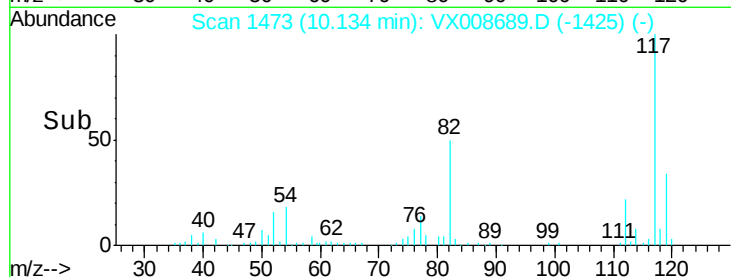
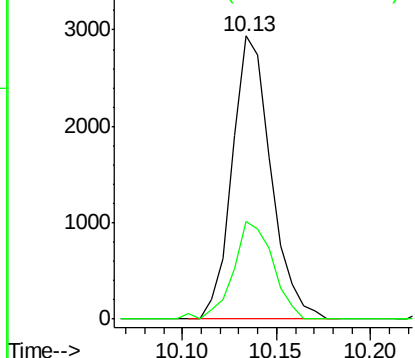
#65
Chlorobenzene
Concen: 0.628 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

Tot Ion:112 Resp: 4183
Ion Ratio Lower Upper
112 100
114 34.7 25.8 38.8

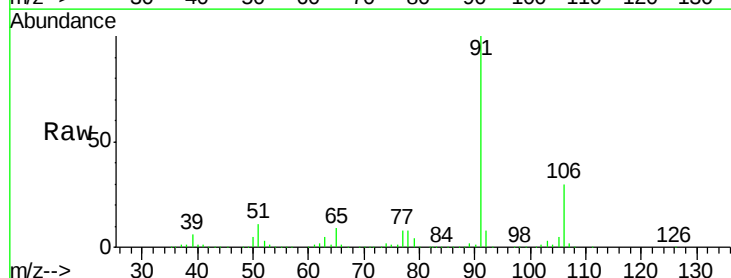


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

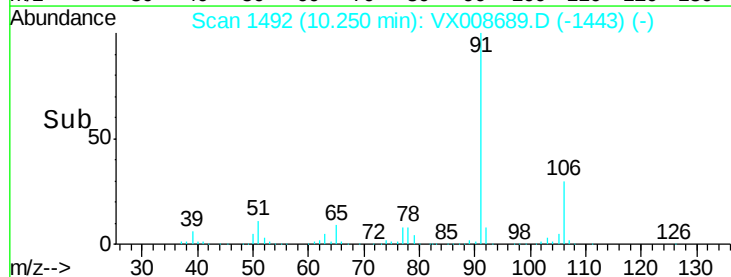
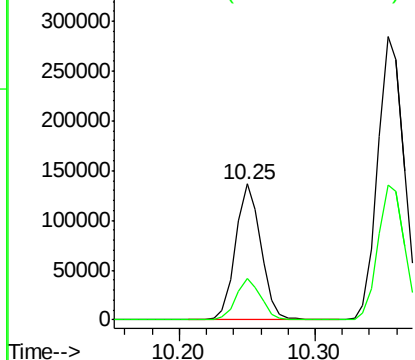


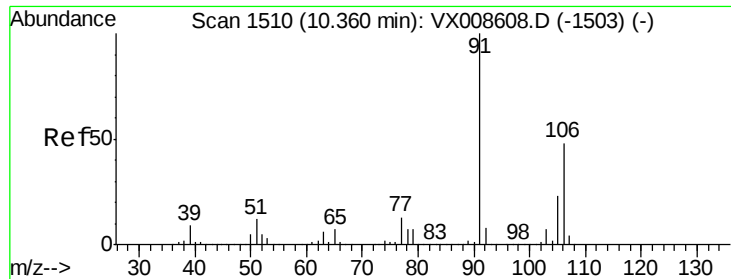
#67
Ethyl Benzene
Concen: 14.376 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 91 Resp: 178500
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

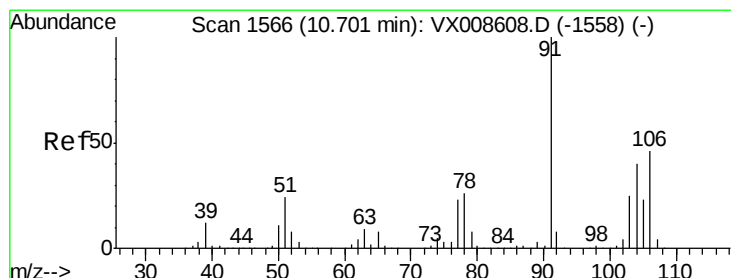
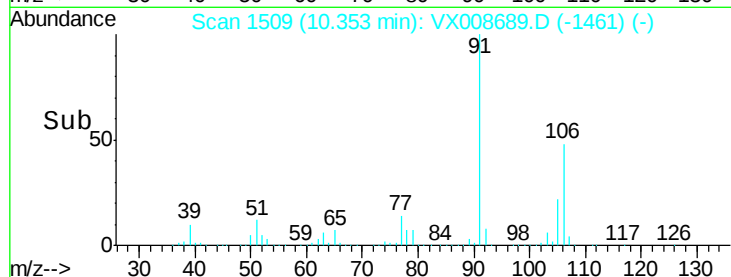
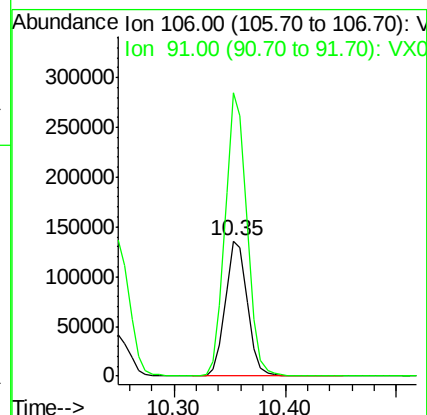
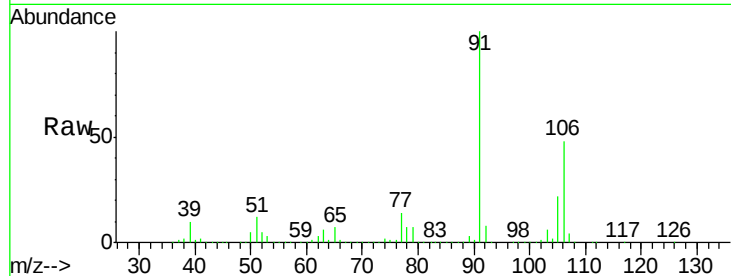




#68
m/p-Xvlenes
Concen: 41.563 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

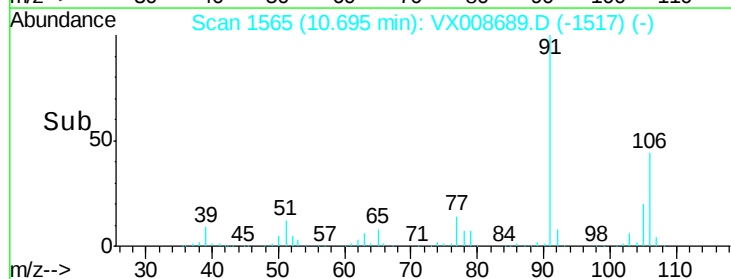
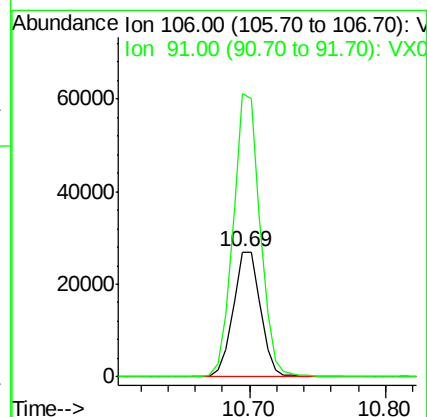
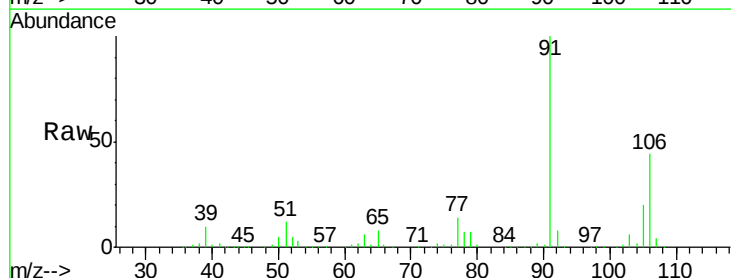
Instrument :
MSVOA_X
ClientSampled :
S8-0705DL

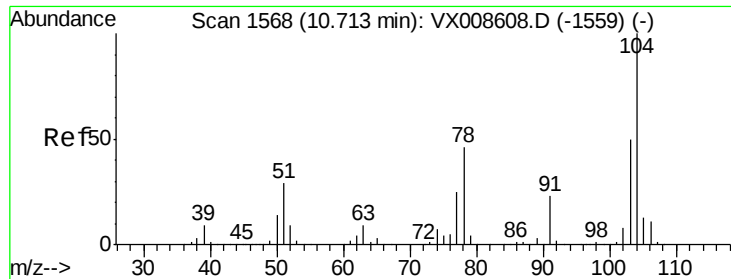
Tot Ion:106 Resp: 185550
Ion Ratio Lower Upper
106 100
91 208.0 168.5 252.7



#69
o-Xylene
Concen: 8.698 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion:106 Resp: 37633
Ion Ratio Lower Upper
106 100
91 223.5 111.5 334.4

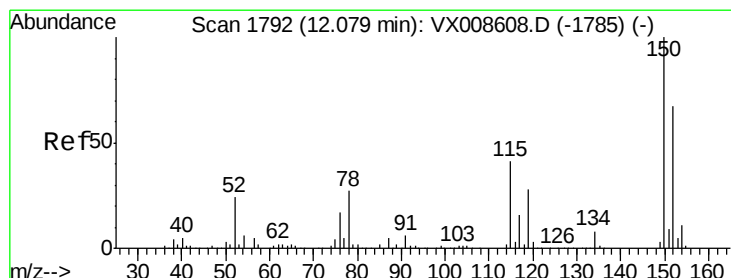
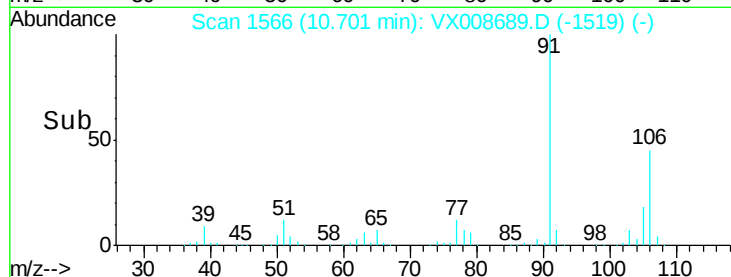
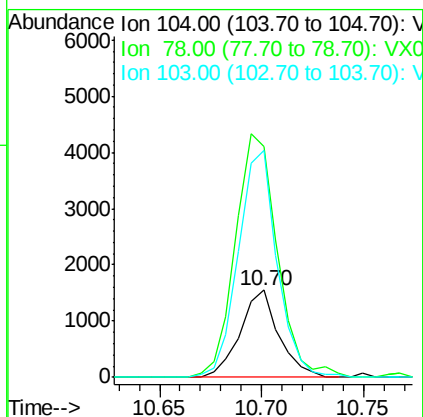
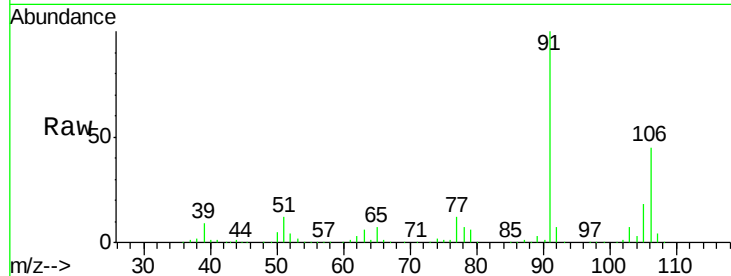




#70
Stvrene
Concen: 0.273 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

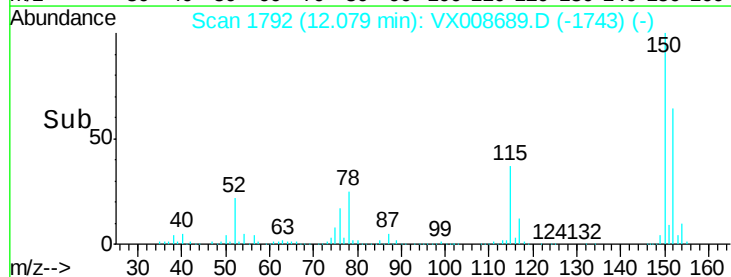
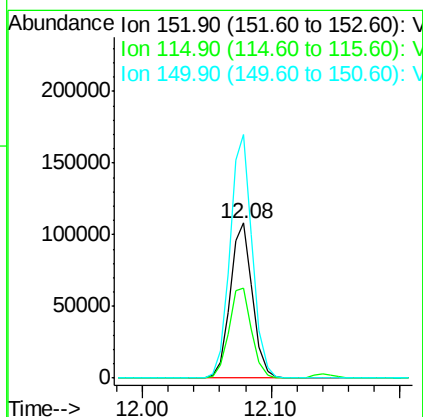
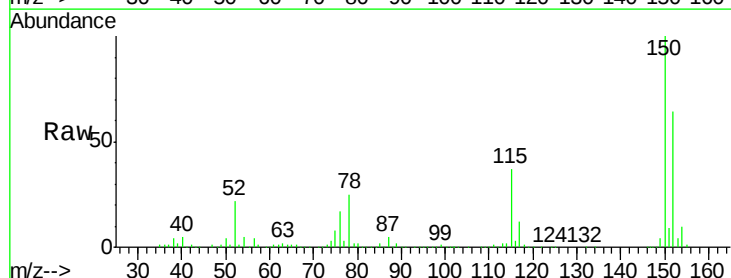
Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

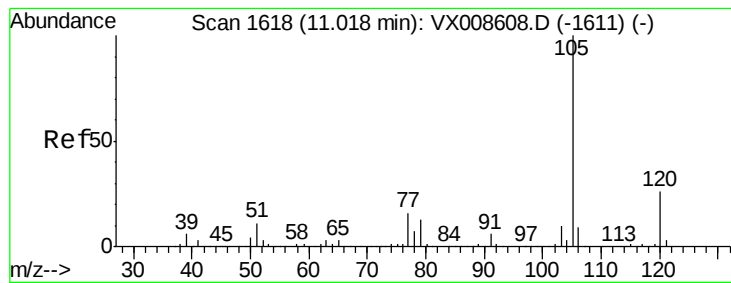
Tot Ion:104 Resp: 2038
Ion Ratio Lower Upper
104 100
78 303.1 42.3 63.5#
103 263.6 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion:152 Resp: 130664
Ion Ratio Lower Upper
152 100
115 59.7 43.5 130.5
150 156.9 0.0 348.8





#73

Isopropylbenzene

Concen: 1.718 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleID :

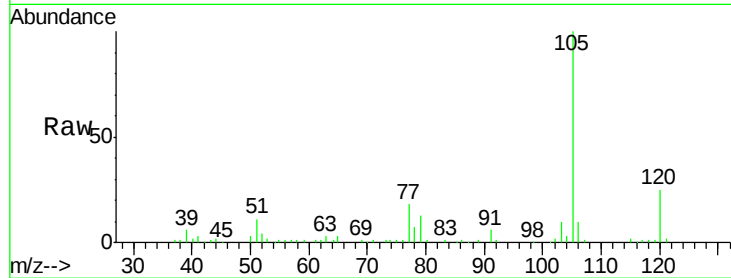
S8-0705DL

Tot Ion:105 Resp: 18600

Ion Ratio Lower Upper

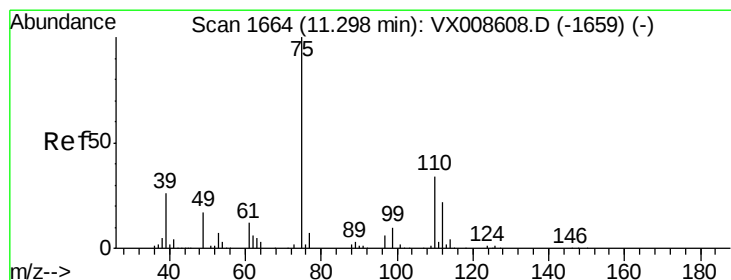
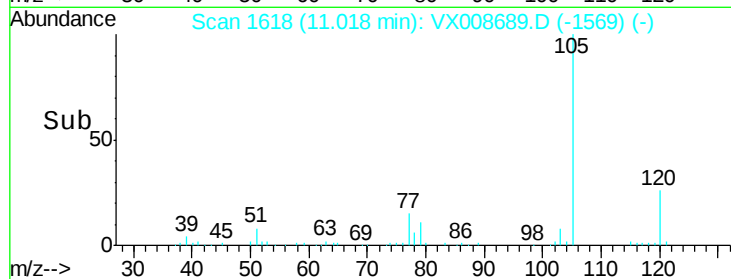
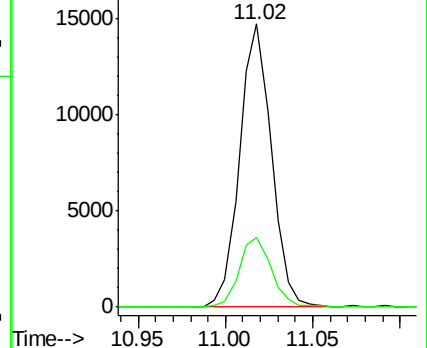
105 100

120 25.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.036 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008689.D

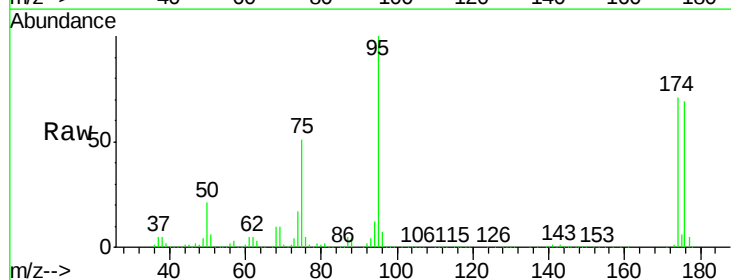
Acq: 05 Apr 2019 18:10

Tgt Ion: 75 Resp: 75507

Ion Ratio Lower Upper

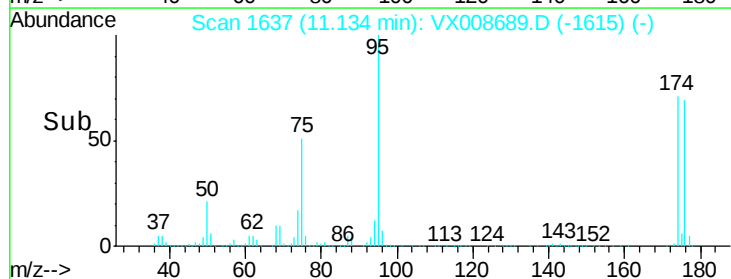
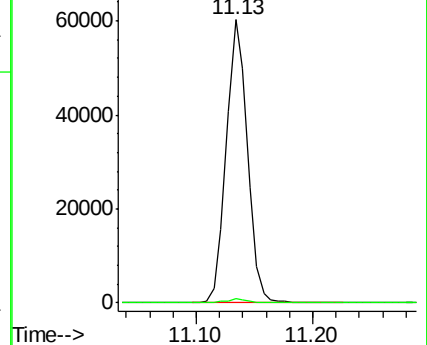
75 100

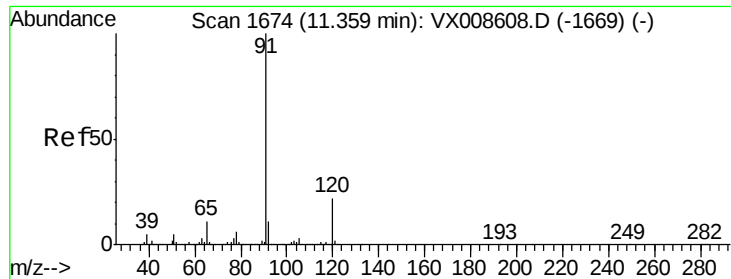
77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.911 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

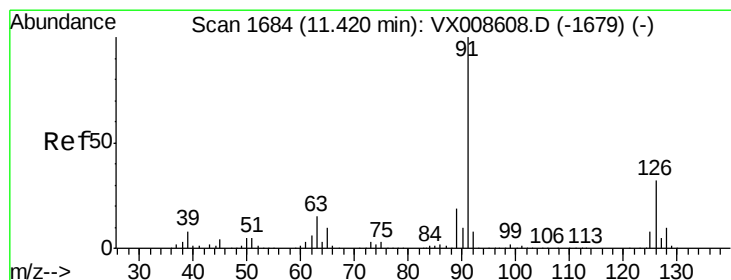
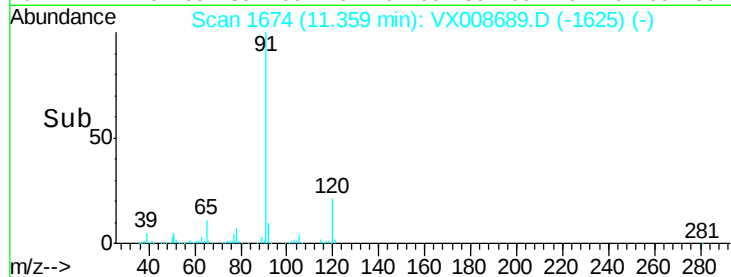
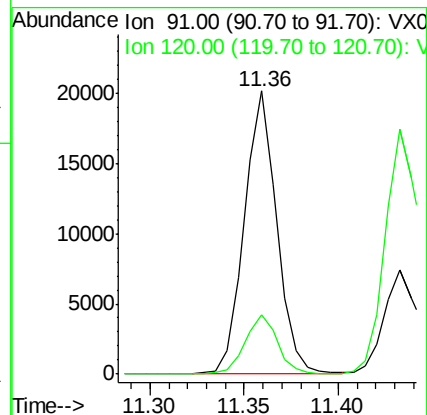
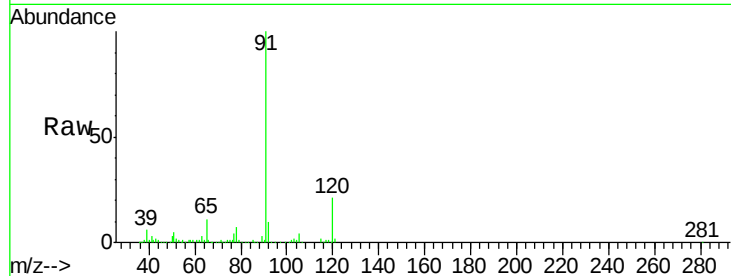
S8-0705DL

Tot Ion: 91 Resp: 24094

Ion Ratio Lower Upper

91 100

120 21.0 10.9 32.7



#79

2-Chlorotoluene

Concen: 1.593 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008689.D

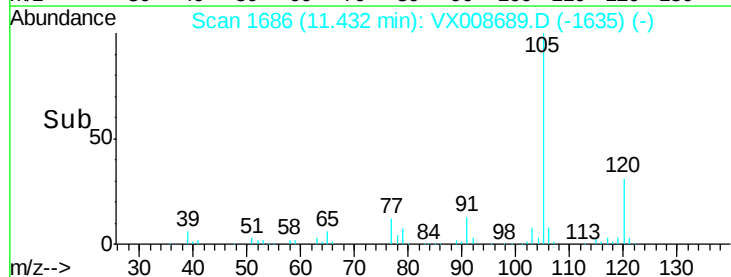
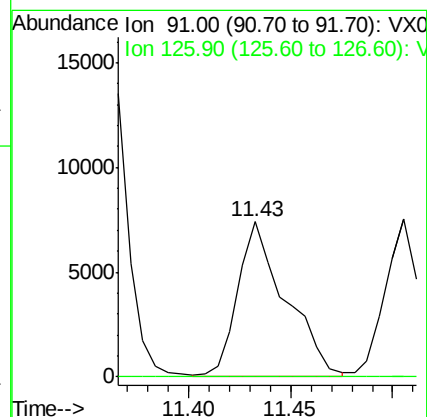
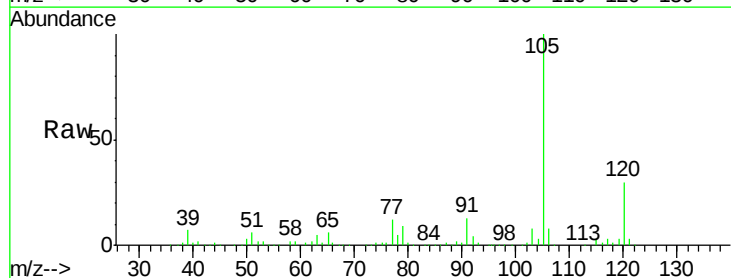
Acq: 05 Apr 2019 18:10

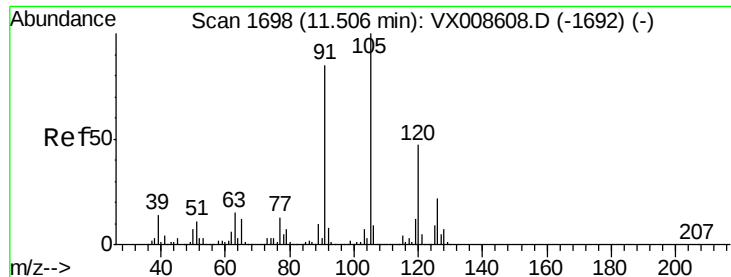
Tgt Ion: 91 Resp: 12151

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#

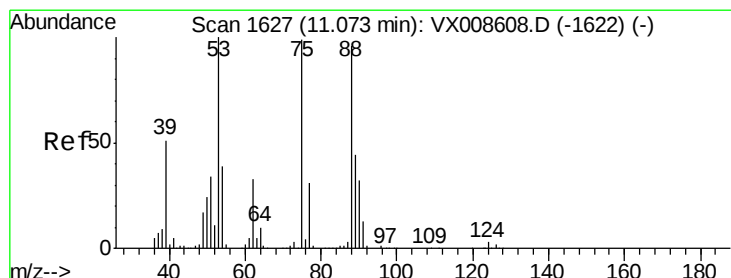
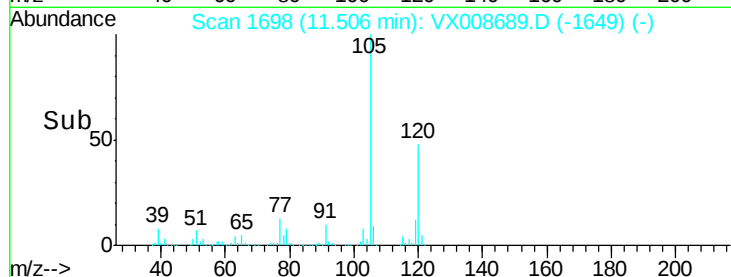
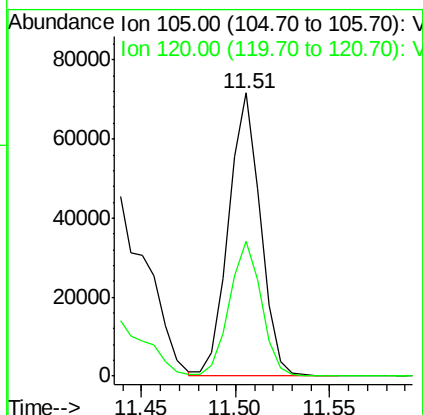
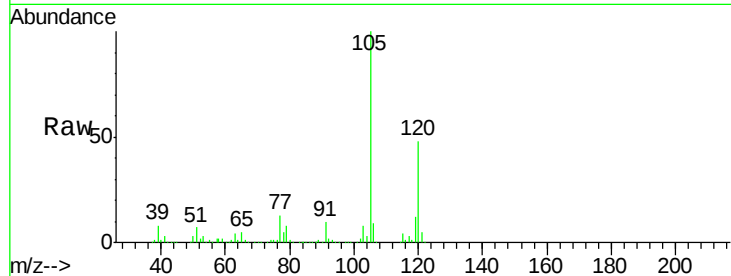




#80
 1,3,5-Trimethylbenzene
 Concen: 9.190 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

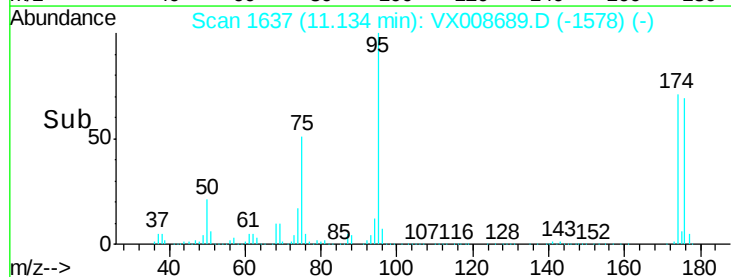
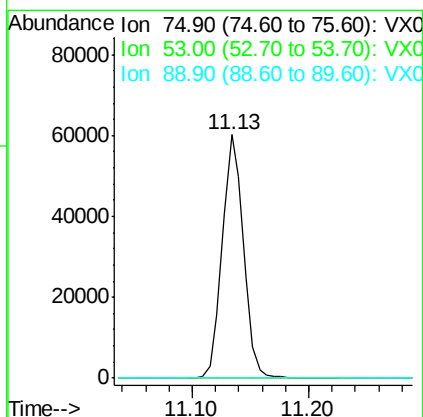
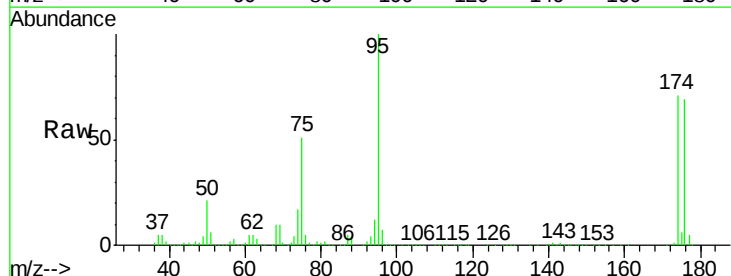
Instrument :
 MSVOA_X
 ClientSampleID :
 S8-0705DL

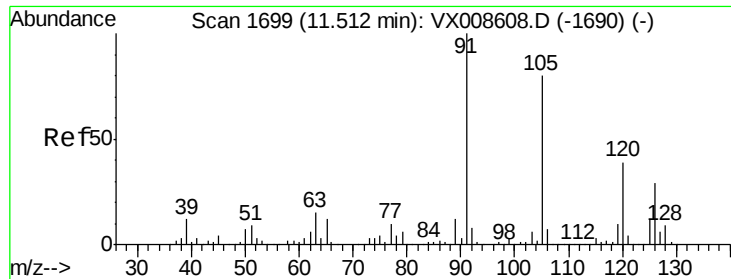
Tot Ion:105 Resp: 83533
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.986 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Tgt Ion: 75 Resp: 75507
 Ion Ratio Lower Upper
 75 100
 53 0.3 81.3 121.9#
 89 0.0 35.6 53.4#

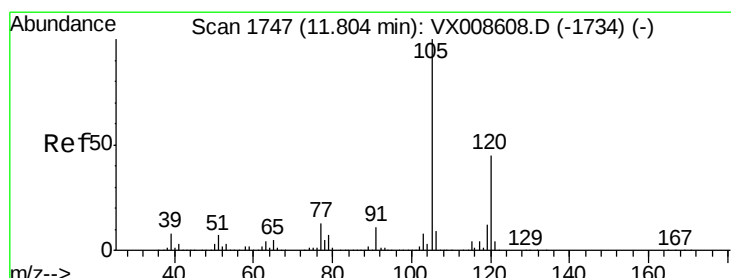
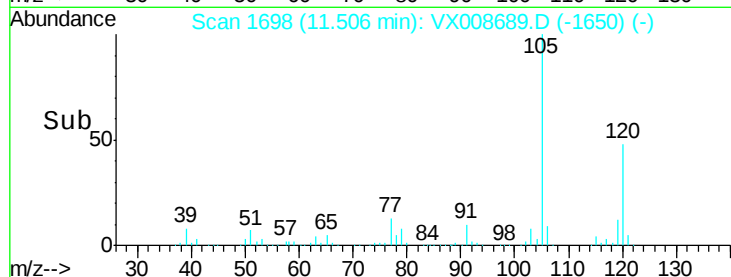
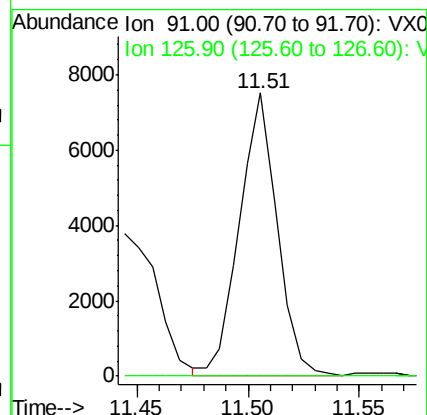
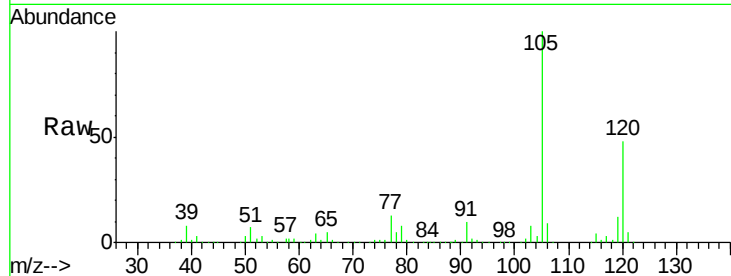




#82
4-Chlorotoluene
Concen: 1.007 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

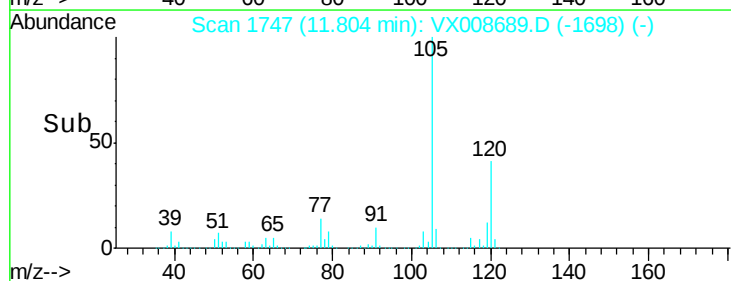
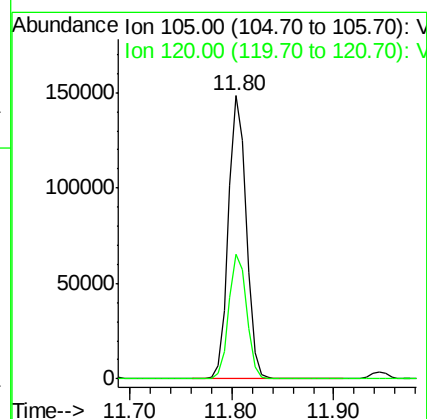
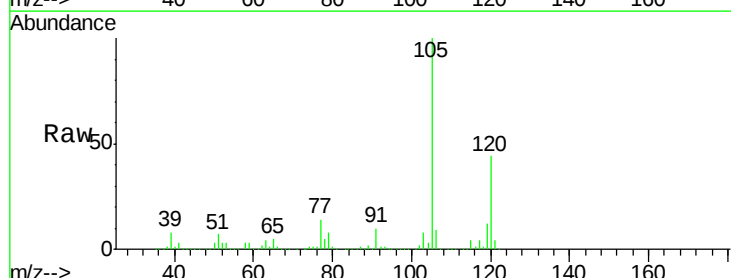
Instrument :
MSVOA_X
ClientSampled :
S8-0705DL

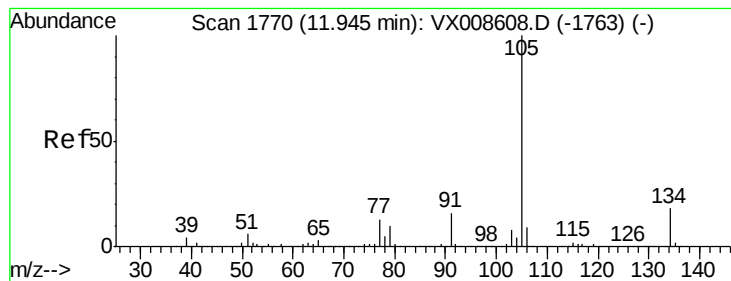
Tot Ion: 91 Resp: 8895
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.6#



#84
1,2,4-Trimethylbenzene
Concen: 19.545 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion:105 Resp: 179892
Ion Ratio Lower Upper
105 100
120 44.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 17.318 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

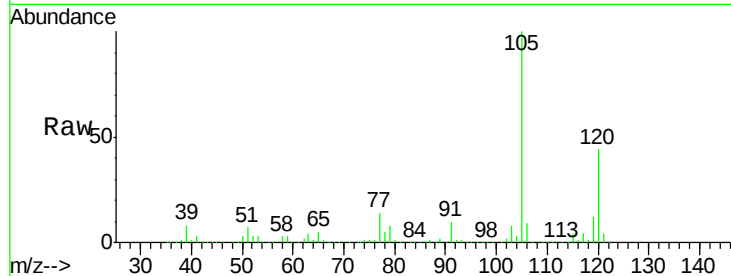
S8-0705DL

Tot Ion:105 Resp: 179892

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

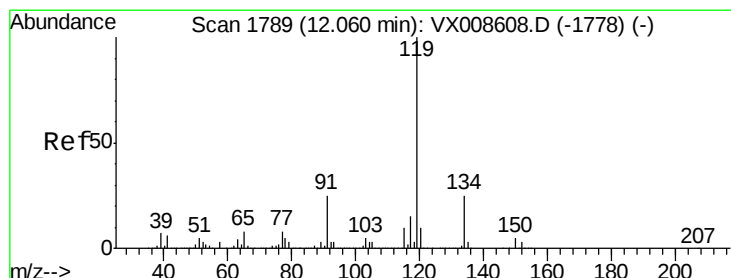
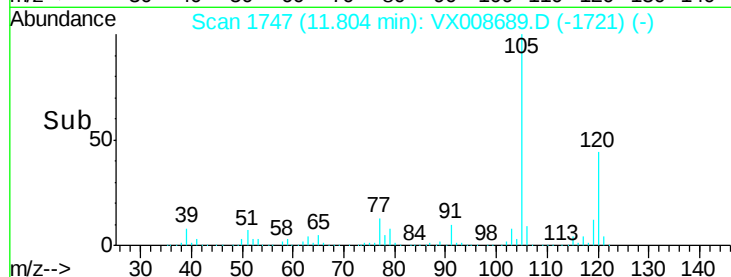
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.657 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

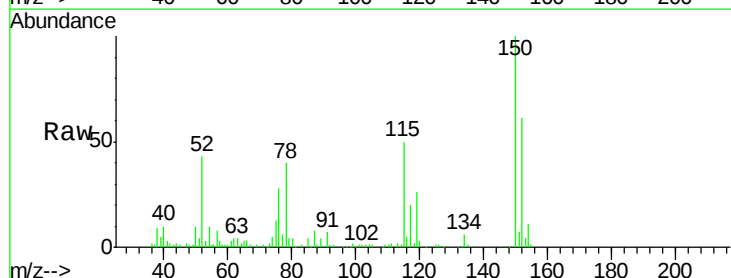
Tgt Ion:119 Resp: 6124

Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.4

91 33.1 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12000

10000

8000

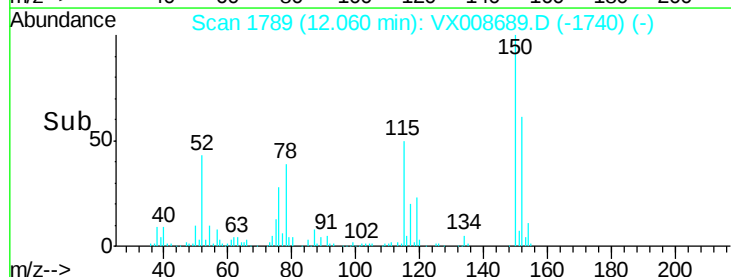
6000

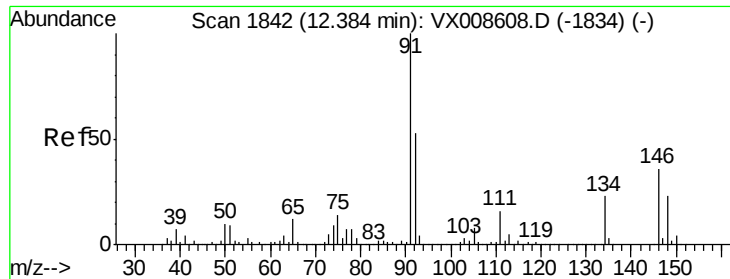
4000

2000

0

Time-->

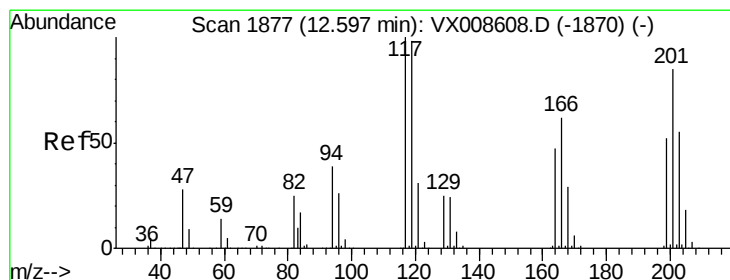
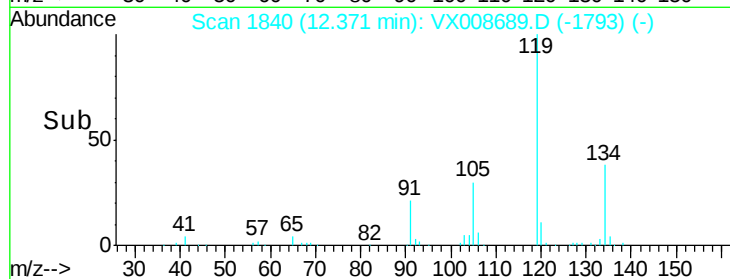
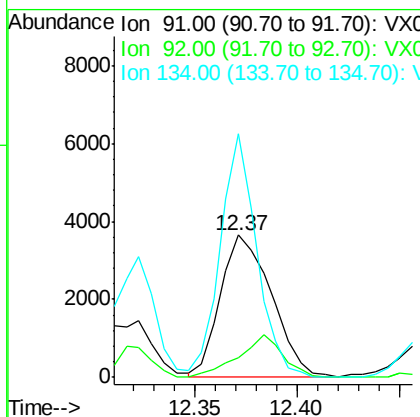
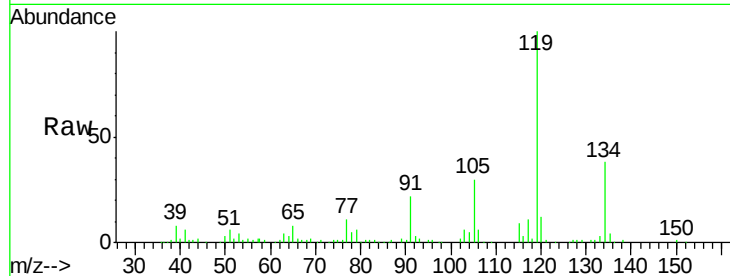




#89
n-Butylbenzene
Concen: 0.730 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

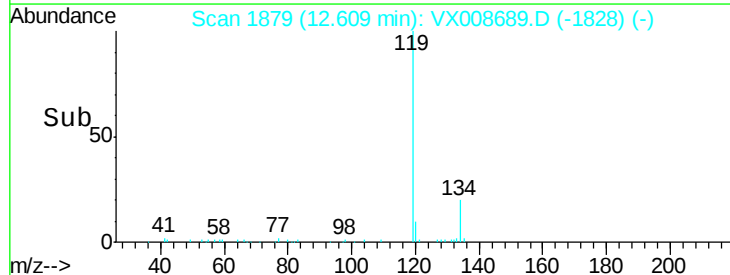
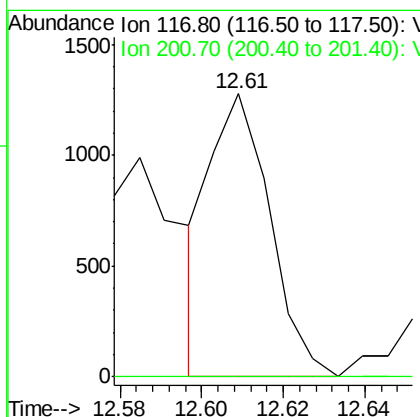
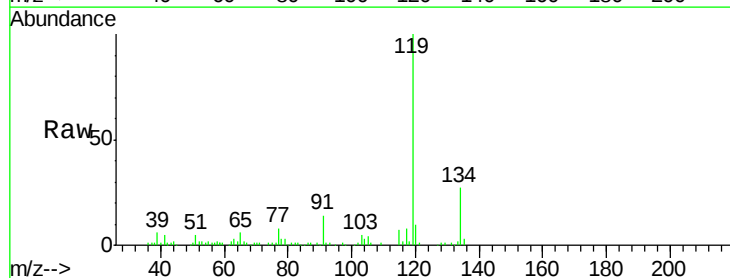
Instrument :
MSVOA_X
ClientSampled :
S8-0705DL

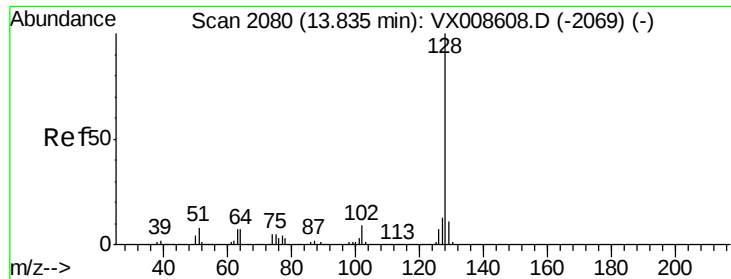
Tot Ion: 91 Resp: 6385
Ion Ratio Lower Upper
91 100
92 26.0 26.4 79.2#
134 120.9 12.0 36.0#



#90
Hexachloroethane
Concen: 0.843 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 117 Resp: 1304
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

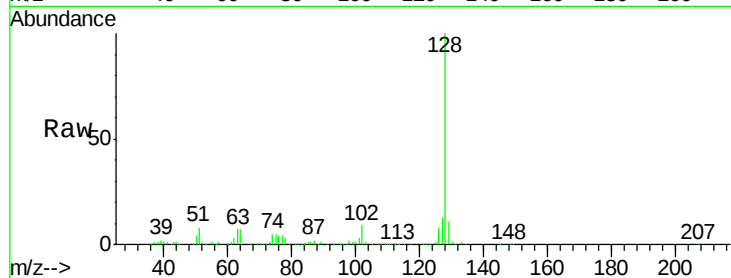




#95
 Naphthalene
 Concen: 4.650 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.6	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

