

Data File : VX000514.D

Acq On : 29 Mar 2018 15:58

Operator : JC/MD

Sample : J2062-05DL 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

Quant Time: Mar 30 06:52:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	131859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	240400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	139568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	99120	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	5.51	113	74496	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.73	98	309380	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.15	95	119584	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	605	0.40	ug/l	93
5) Bromomethane	1.67	94	526	0.32	ug/l	# 27
6) Chloroethane	1.75	64	288	Below	Cal	# 44
10) Methyl Iodide	2.52	142	570	4.60	ug/l	# 84
11) Tert butyl alcohol	3.08	59	6333	10.70	ug/l	# 83
13) Acrolein	2.30	56	166	15.41	ug/l	# 1
14) Allyl chloride	2.71	41	769	0.20	ug/l	# 38
15) Acrylonitrile	3.15	53	258	0.22	ug/l	# 81
16) Acetone	2.45	43	25839	18.05	ug/l	99
18) Methyl Acetate	2.79	43	30664	10.22	ug/l	96
20) Methylene Chloride	2.86	84	1450	0.88	ug/l	# 96
25) 2-Butanone	4.73	43	4979	3.09	ug/l	# 79
31) Cyclohexane	5.58	56	862	0.40	ug/l	# 88
36) 1,1-Dichloropropene	5.68	75	10110	4.49	ug/l	# 52
37) Ethyl Acetate	4.89	43	3548	1.15	ug/l	# 79
38) Carbon Tetrachloride	5.67	117	12898	5.46	ug/l	# 15
40) Benzene	6.15	78	233419	35.69	ug/l	99
42) 1,2-Dichloroethane	6.16	62	2336	0.91	ug/l	# 78
49) 1,4-Dioxane	7.78	88	145	3.10	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.66	43	1394	0.39	ug/l	92
52) Toluene	8.79	92	183860	40.22	ug/l	98
54) cis-1,3-Dichloropropene	8.79	75	2393	0.92	ug/l	# 1
55) 1,1,2-Trichloroethane	9.08	97	1902	1.01	ug/l	# 23
58) 2-Chloroethyl Vinyl ether	8.29	63	556	0.41	ug/l	# 46
60) Dibromochloromethane	9.34	129	72	4.15	ug/l	# 12
67) Ethyl Benzene	10.26	91	30102	3.19	ug/l	99
68) m/p-Xylenes	10.37	106	79471	21.41	ug/l	98
69) o-Xylene	10.71	106	69447	19.32	ug/l	99
70) Styrene	10.72	104	38533	6.48	ug/l	# 85
73) Isopropylbenzene	11.02	105	1861	0.20	ug/l	95
74) N-amyl acetate	6.49	43	208	Below	Cal	# 59
76) 1,2,3-Trichloropropane	11.15	75	67301	22.44	ug/l	# 35
78) n-propylbenzene	11.37	91	8052	0.73	ug/l	88
79) 2-Chlorotoluene	11.68	91	2673	0.42	ug/l	72

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Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

Quant Time: Mar 30 06:52:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

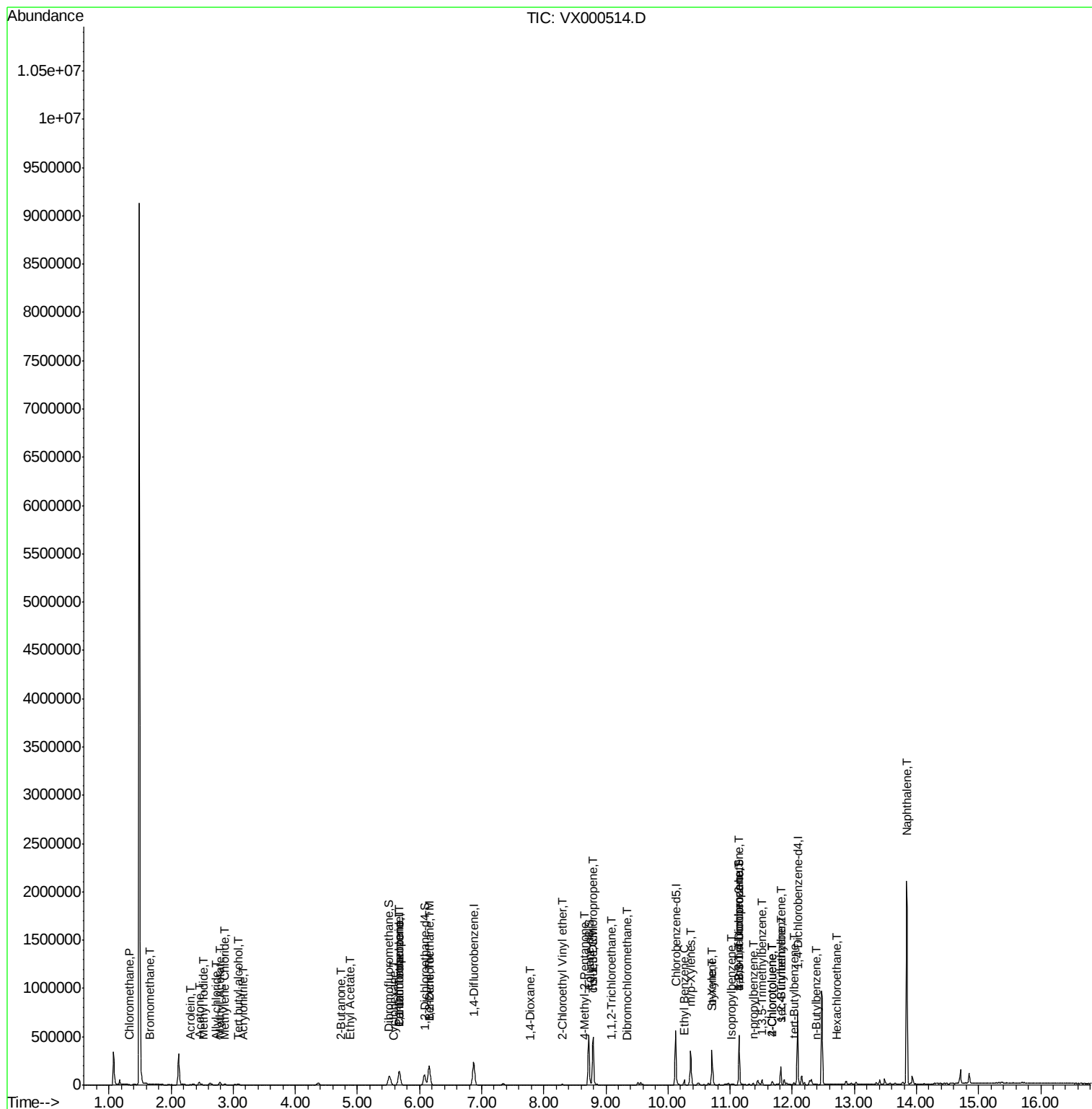
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	20692	2.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	67301	72.64	ug/l #	9
82) 4-Chlorotoluene	11.68	91	3003	0.39	ug/l	87
83) tert-Butylbenzene	12.02	119	1757	0.22	ug/l	69
84) 1,2,4-Trimethylbenzene	11.82	105	77243	9.48	ug/l	98
85) sec-Butylbenzene	11.82	105	77243	7.96	ug/l #	56
89) n-Butylbenzene	12.40	91	1640	0.20	ug/l #	52
90) Hexachloroethane	12.71	117	1080	0.80	ug/l #	12
95) Naphthalene	13.84	128	1248134	109.45	ug/l	100

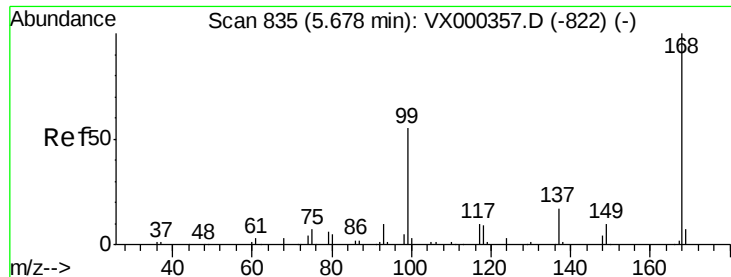
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

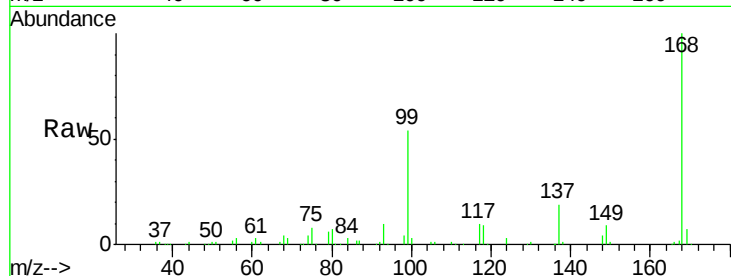
19626-7-8-74DL

Tgt Ion:168 Resp: 131859

Ion Ratio Lower Upper

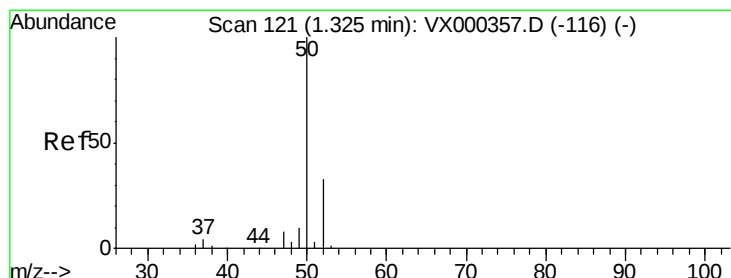
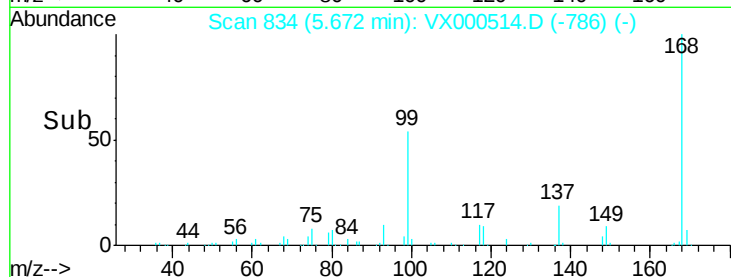
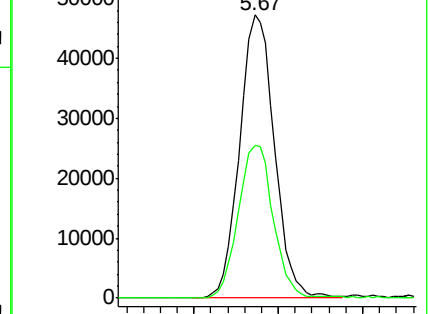
168 100

99 53.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.40 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX000514.D

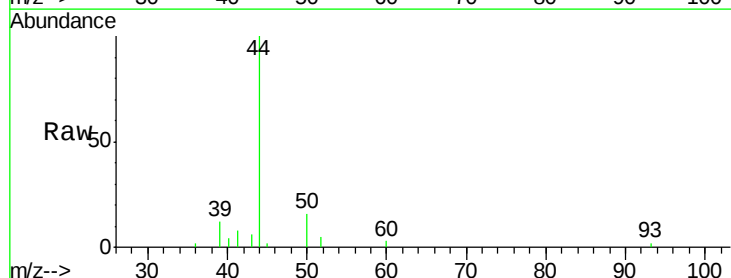
Acq: 29 Mar 2018 15:58

Tgt Ion: 50 Resp: 605

Ion Ratio Lower Upper

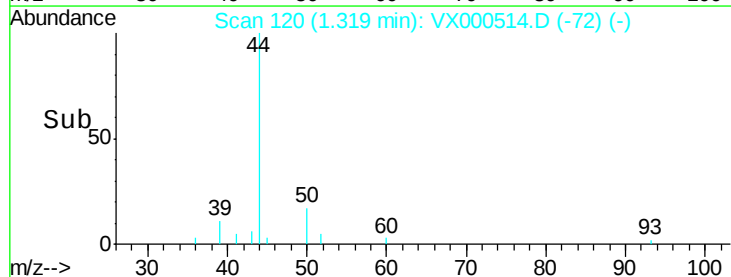
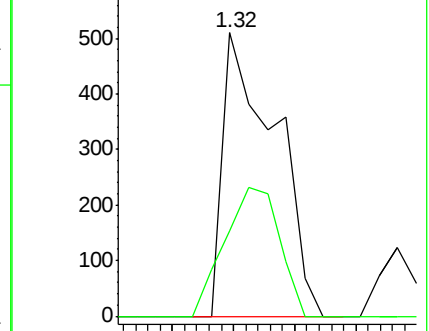
50 100

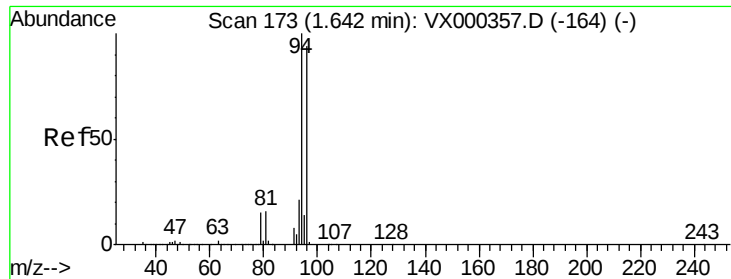
52 30.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.32 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

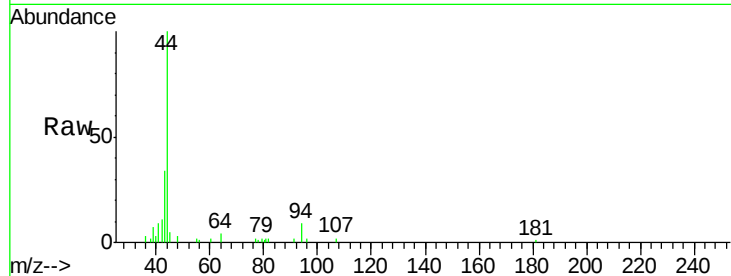
19626-7-8-74DL

Tgt Ion: 94 Resp: 526

Ion Ratio Lower Upper

94 100

96 25.5 77.7 116.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

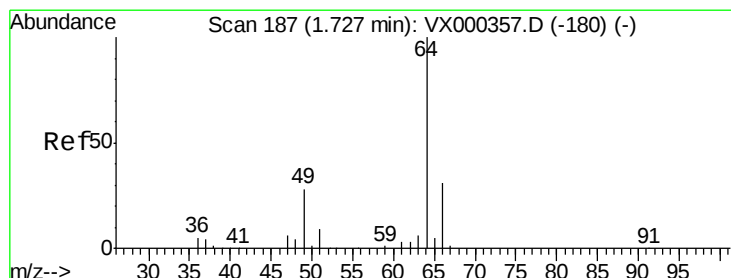
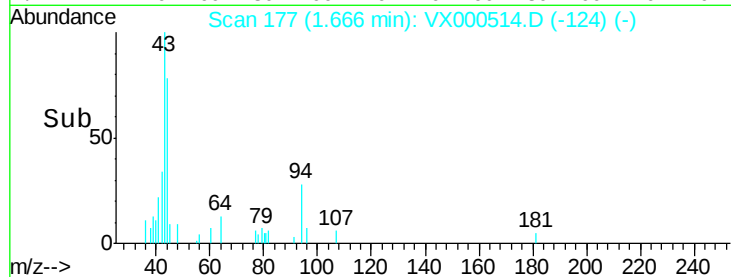
300

200

100

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX000514.D

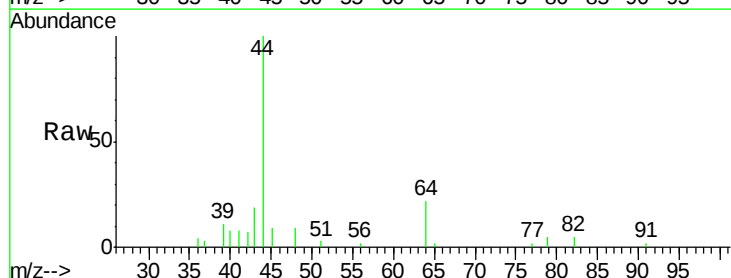
Acq: 29 Mar 2018 15:58

Tgt Ion: 64 Resp: 288

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.75

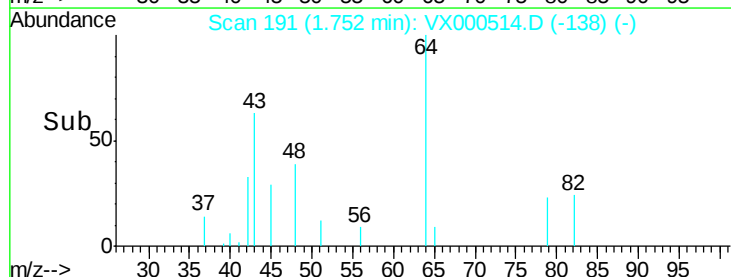
600

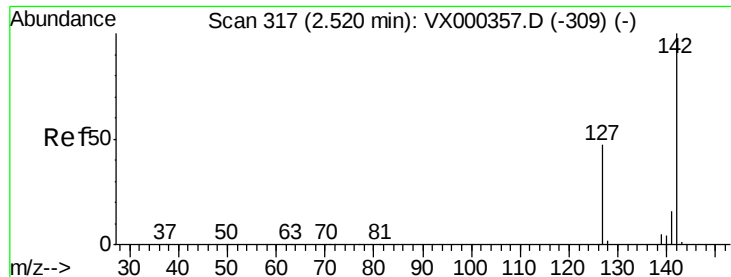
400

200

0

Time-->

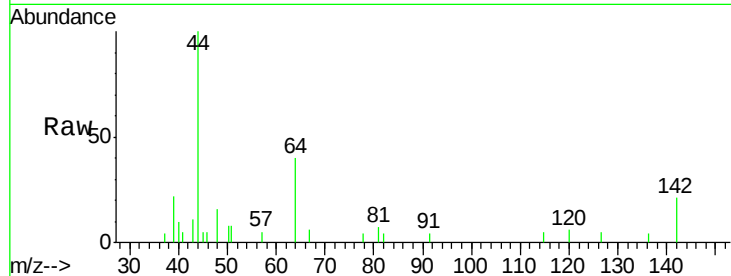




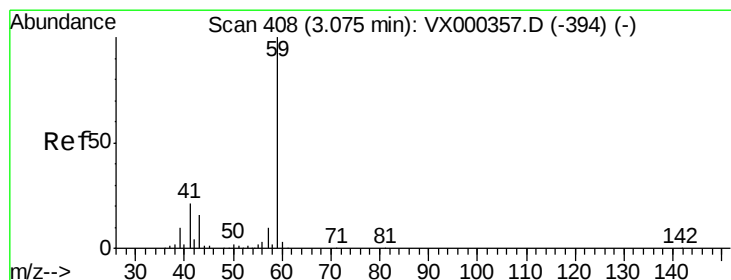
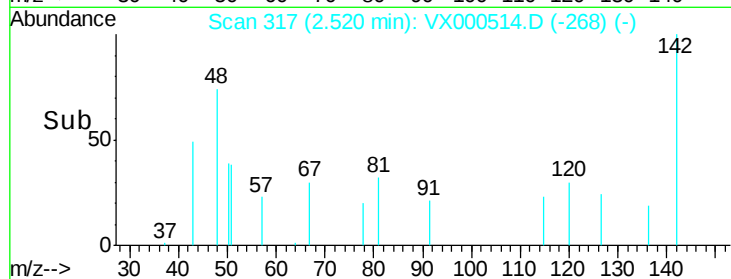
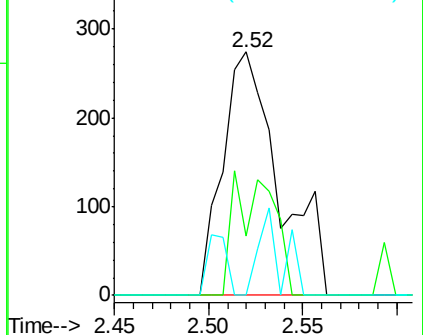
#10
Methyl Iodide
Concen: 4.60 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
127 34.7 39.2 58.8#
141 14.4 11.7 17.5

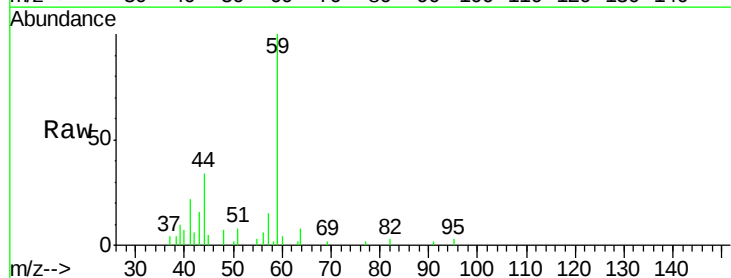


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

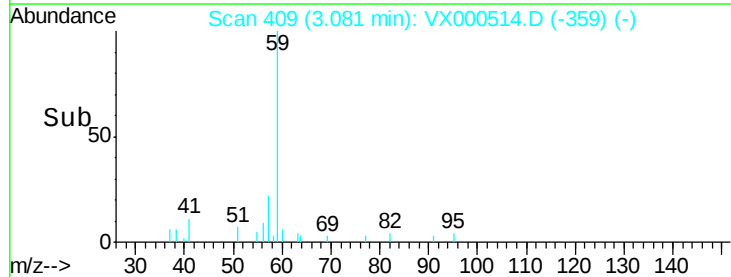
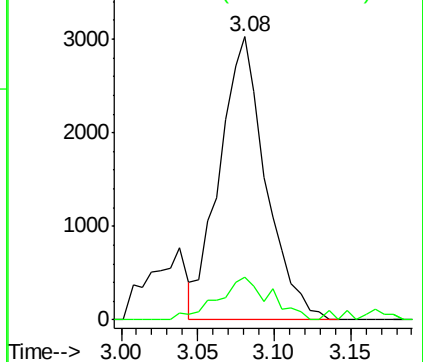


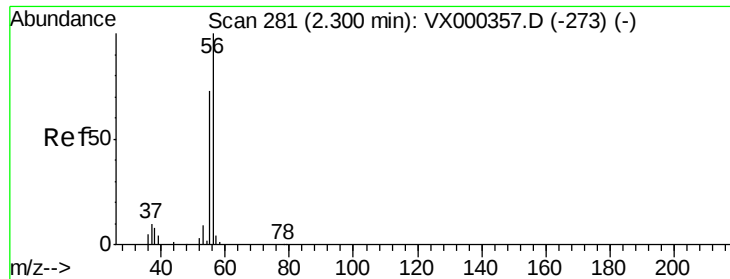
#11
Tert butyl alcohol
Concen: 10.70 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion: 59 Resp: 6333
Ion Ratio Lower Upper
59 100
57 17.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 15.41 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

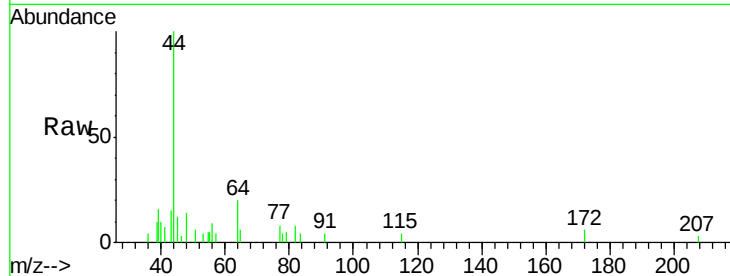
19626-7-8-74DL

Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

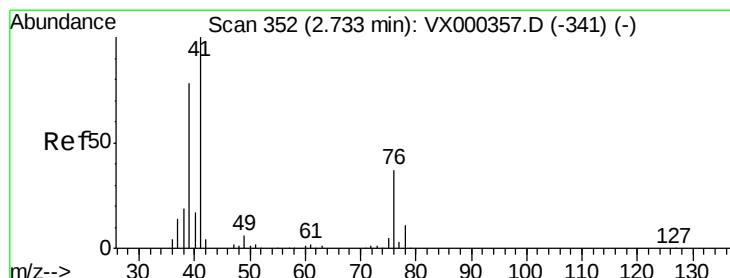
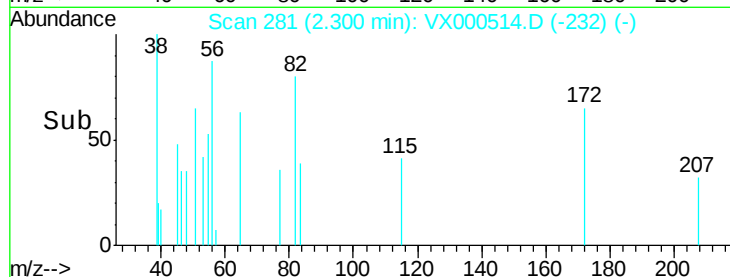
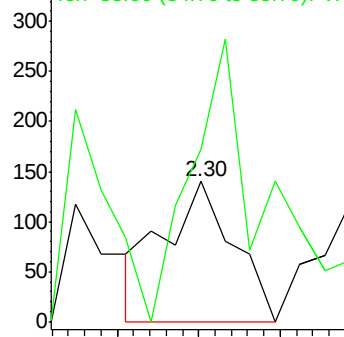
56 100

55 204.8 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.20 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX000514.D

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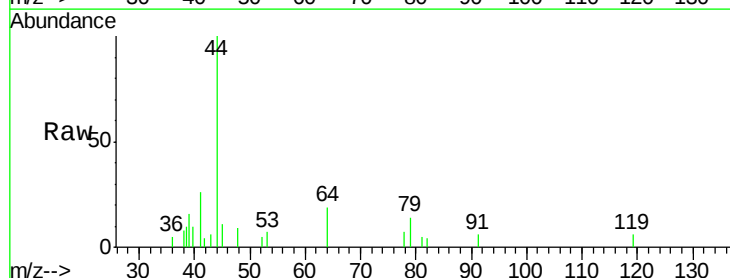
Tgt Ion: 41 Resp: 769

Ion Ratio Lower Upper

41 100

39 19.9 57.6 86.4#

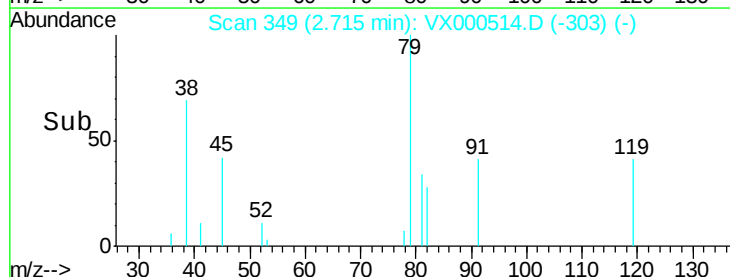
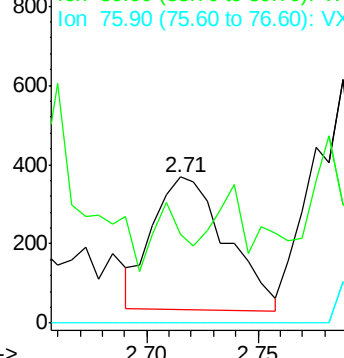
76 0.0 27.3 40.9#

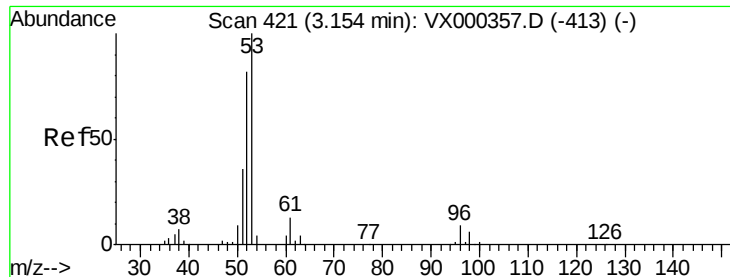


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.22 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000514.D

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ClientSampleId :

19626-7-8-74DL

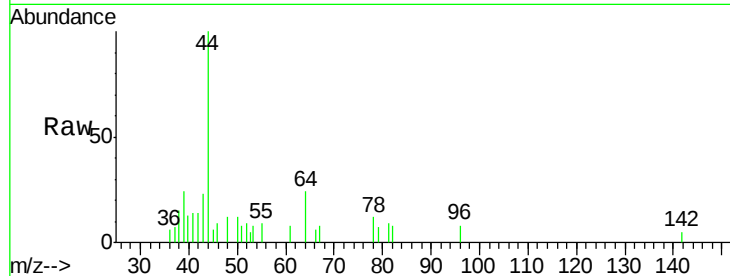
Tgt Ion: 53 Resp: 258

Ion Ratio Lower Upper

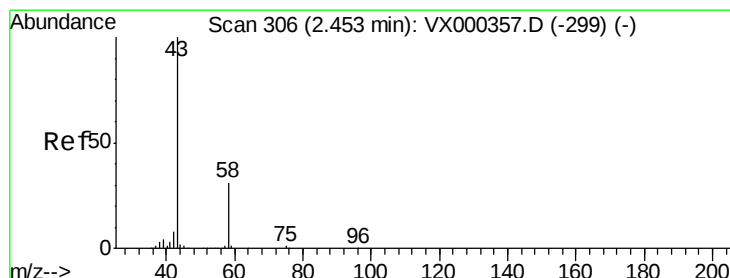
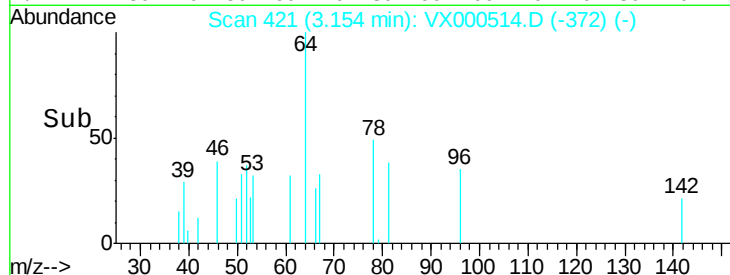
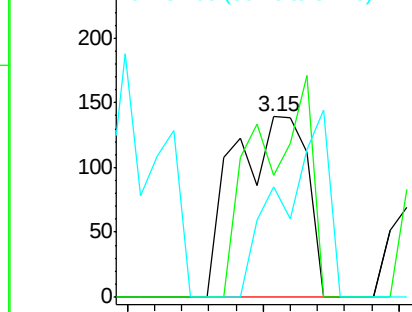
53 100

52 88.8 66.6 99.8

51 65.5 29.3 43.9#



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: 18.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000514.D

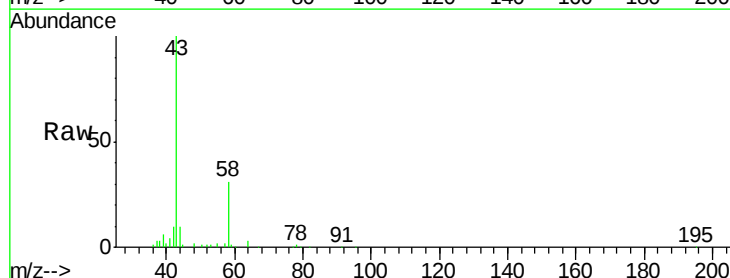
Acq: 29 Mar 2018 15:58

Tgt Ion: 43 Resp: 25839

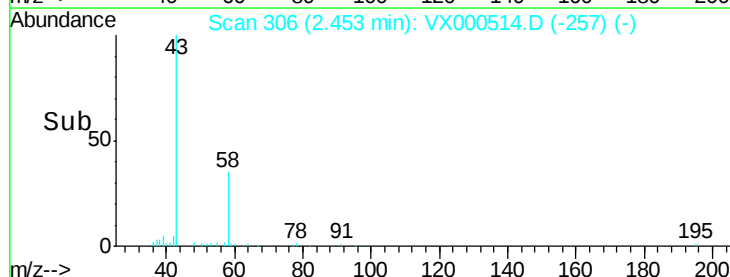
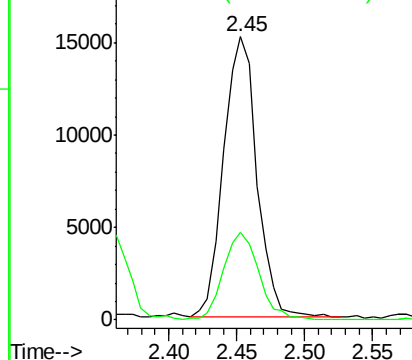
Ion Ratio Lower Upper

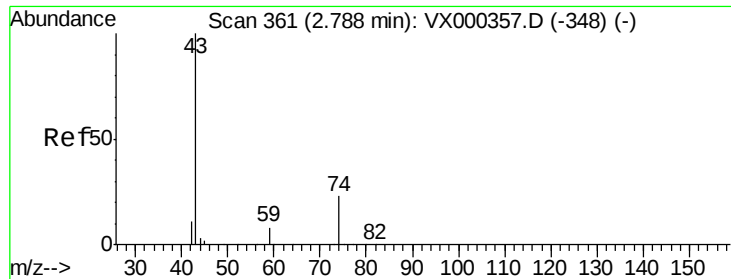
43 100

58 31.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

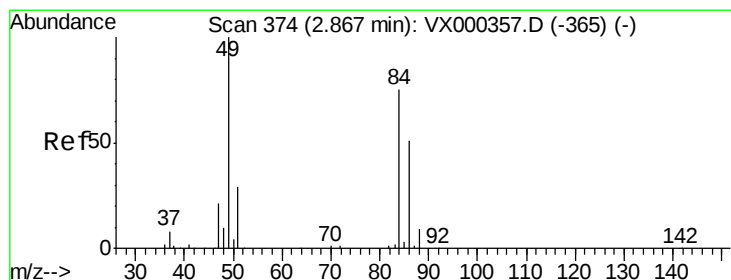
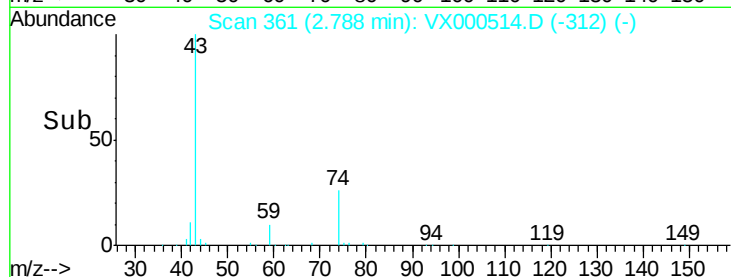
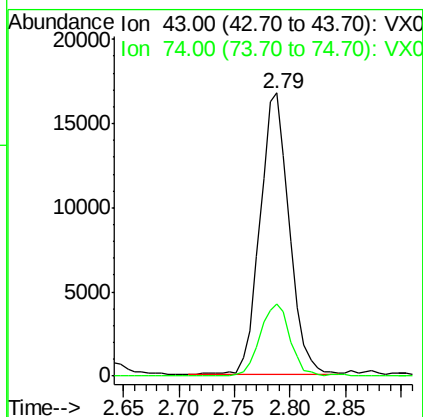
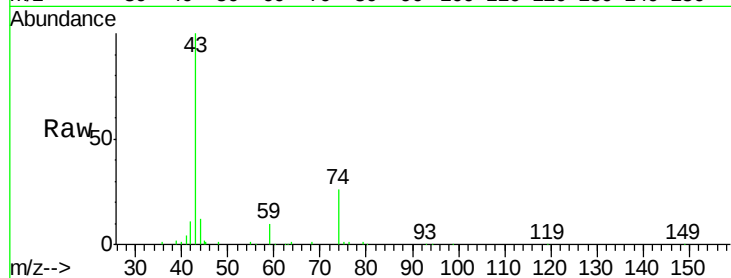




#18
Methyl Acetate
Concen: 10.22 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

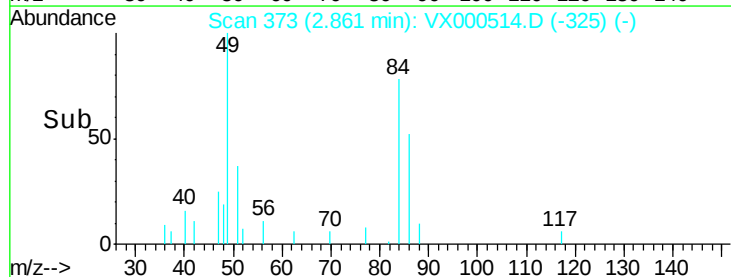
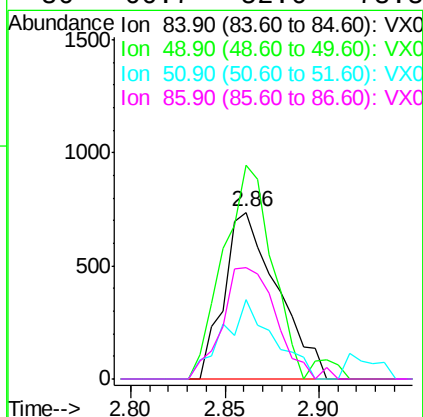
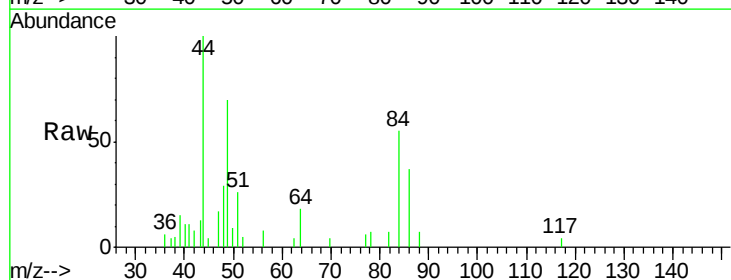
Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

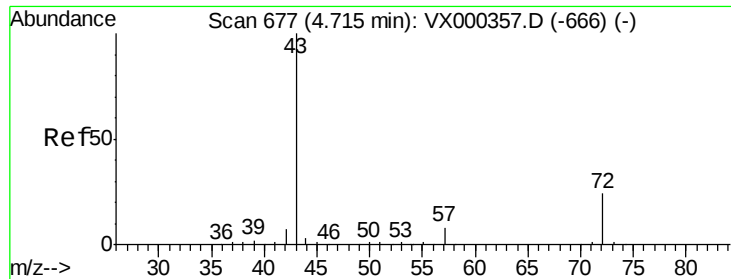
Tgt Ion: 43 Resp: 30664
Ion Ratio Lower Upper
43 100
74 26.2 19.4 29.2



#20
Methylene Chloride
Concen: 0.88 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion: 84 Resp: 1450
Ion Ratio Lower Upper
84 100
49 128.0 100.6 151.0
51 47.6 31.6 47.4#
86 66.7 52.6 78.8





#25

2-Butanone

Concen: 3.09 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

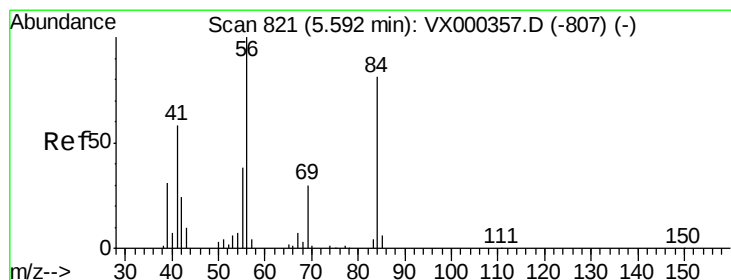
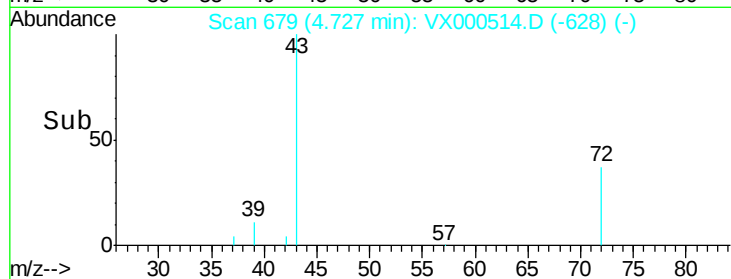
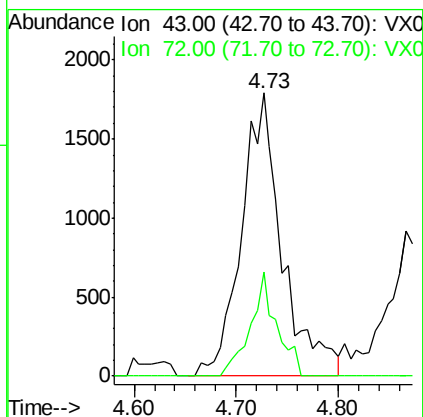
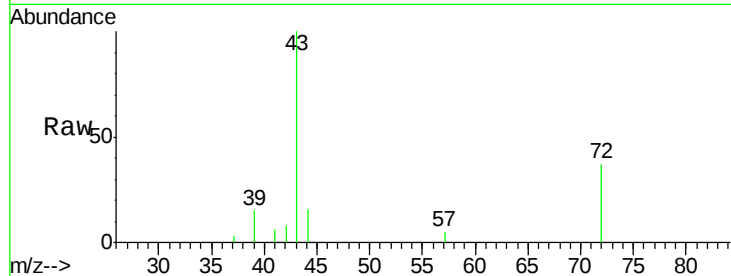
19626-7-8-74DL

Tgt Ion: 43 Resp: 4979

Ion Ratio Lower Upper

43 100

72 36.9 21.0 31.6#



#31

Cyclohexane

Concen: 0.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

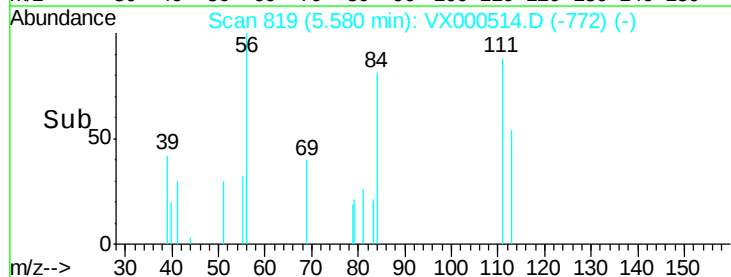
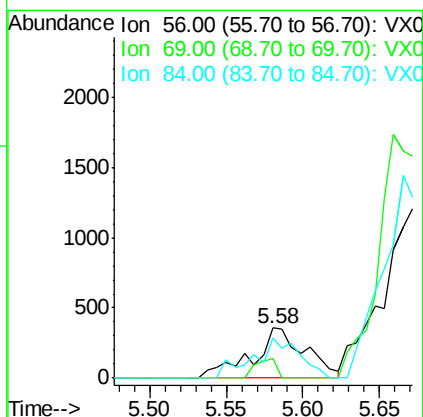
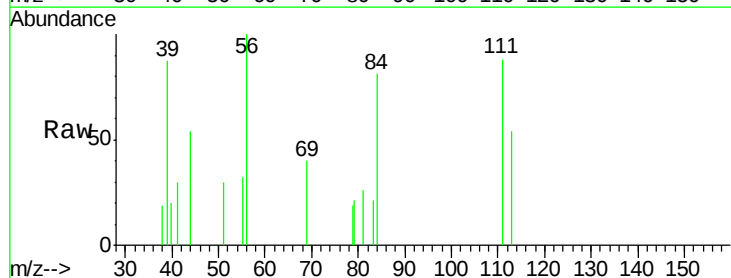
Tgt Ion: 56 Resp: 862

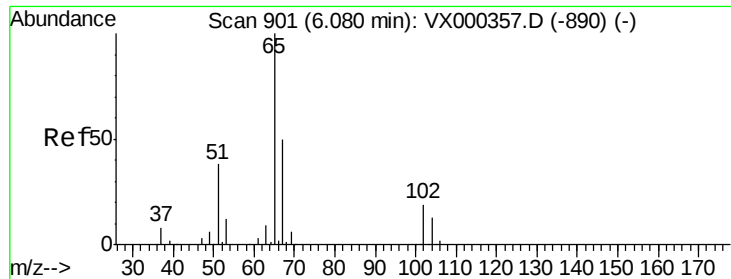
Ion Ratio Lower Upper

56 100

69 40.4 23.4 35.0#

84 80.6 71.0 106.4





#33

1,2-Dichloroethane-d4

Concen: 57.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

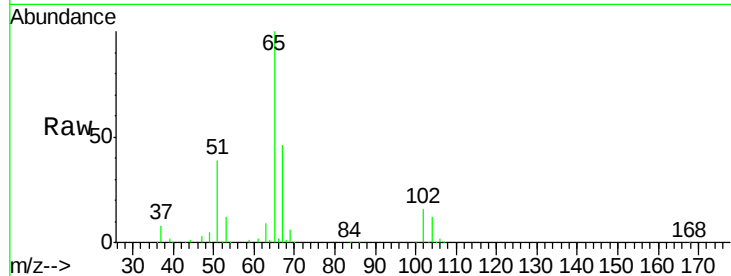
19626-7-8-74DL

Tgt Ion: 65 Resp: 99120

Ion Ratio Lower Upper

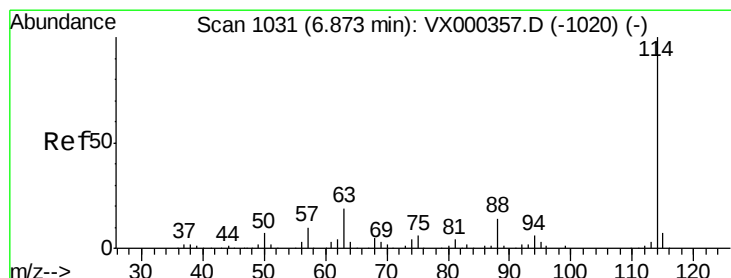
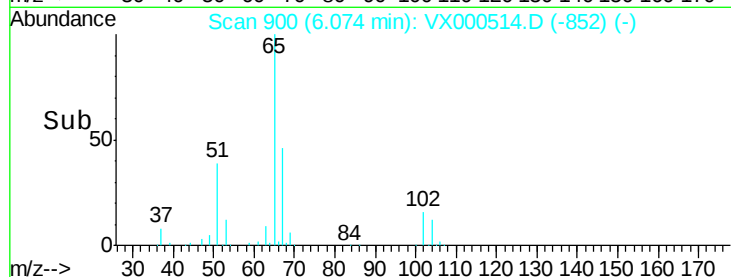
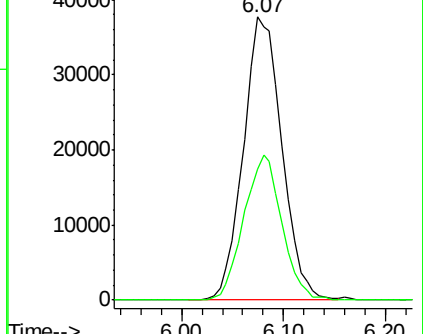
65 100

67 50.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

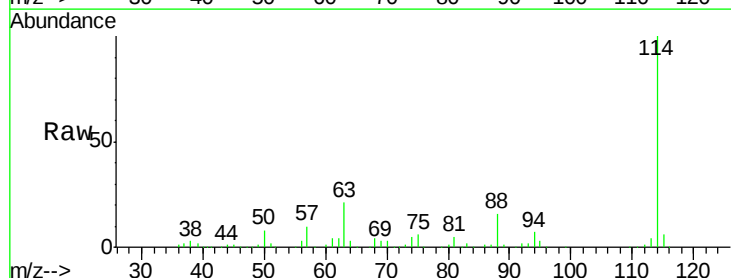
Tgt Ion: 114 Resp: 240400

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

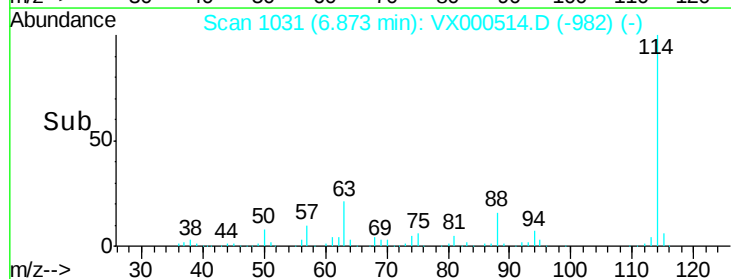
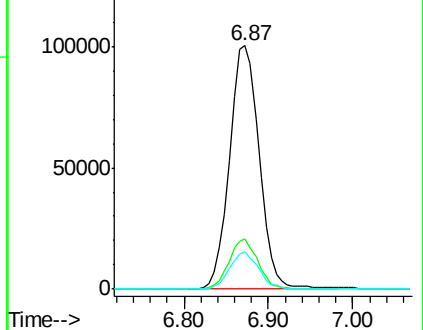
88 15.6 0.0 27.0

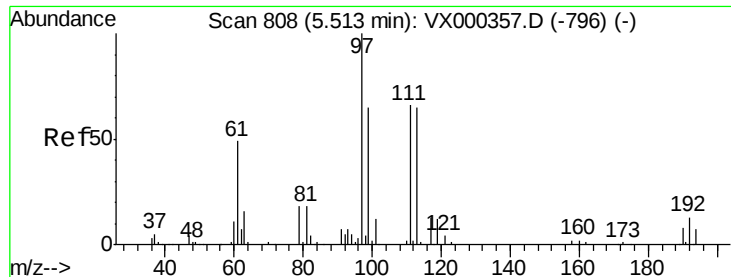


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.18 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

19626-7-8-74DL

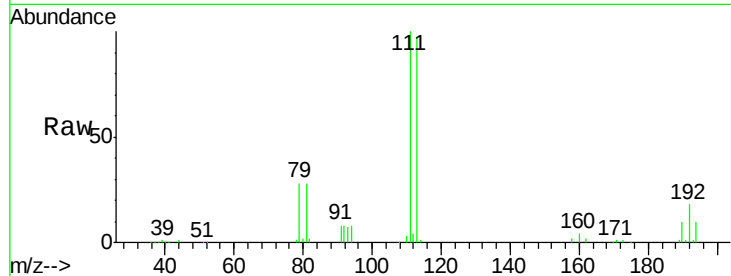
Tgt Ion:113 Resp: 74496

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

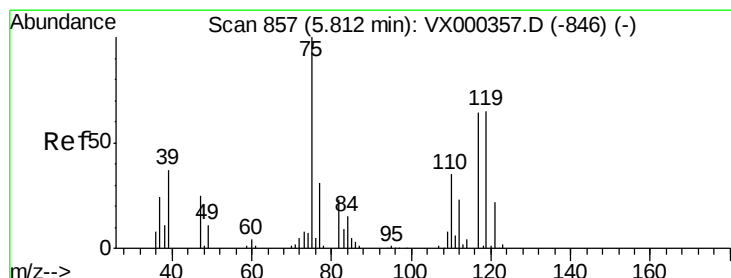
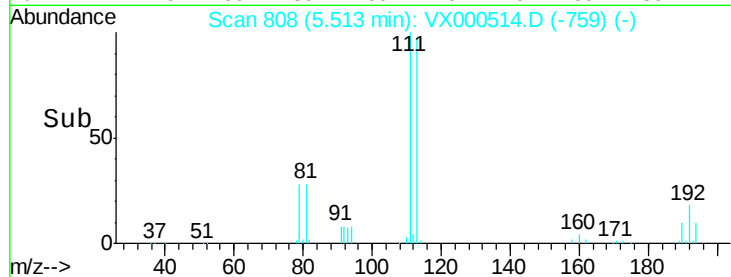
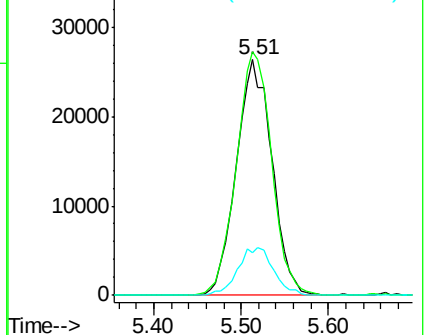
192 20.1 15.8 23.6



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: 4.49 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

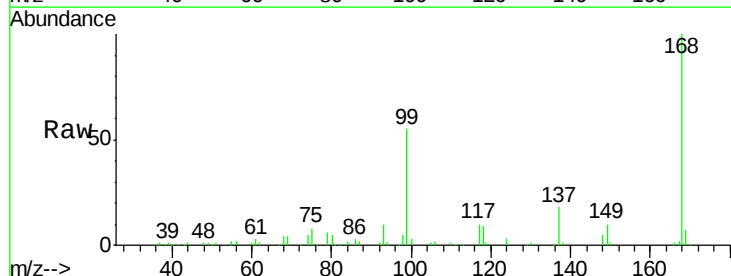
Tgt Ion: 75 Resp: 10110

Ion Ratio Lower Upper

75 100

110 11.4 17.9 53.7#

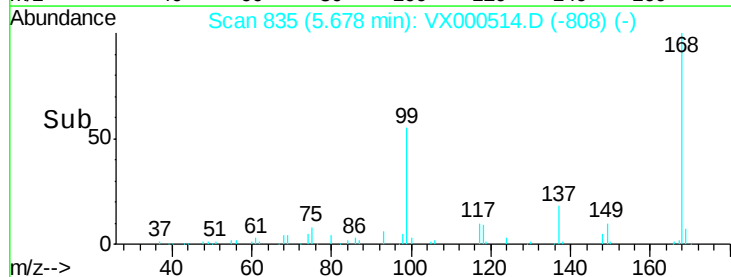
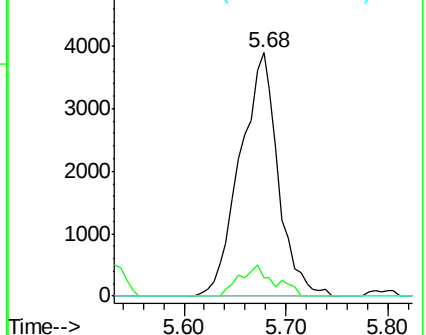
77 0.0 24.0 36.0#

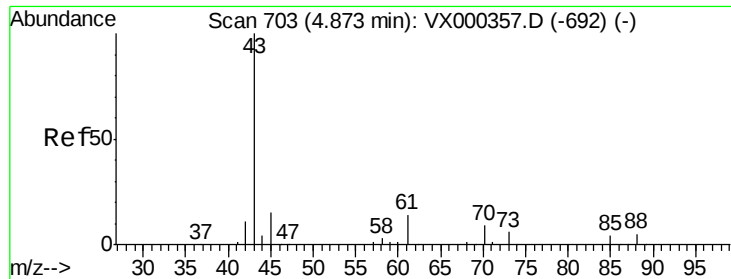


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.15 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

19626-7-8-74DL

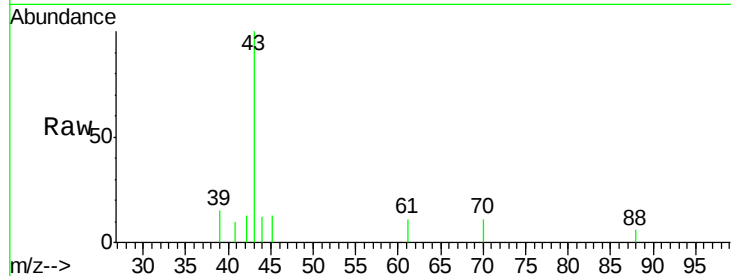
Tgt Ion: 43 Resp: 3548

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

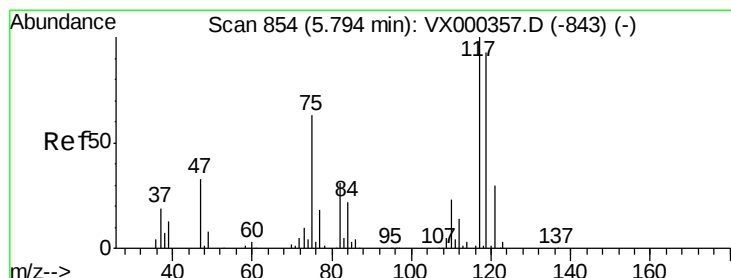
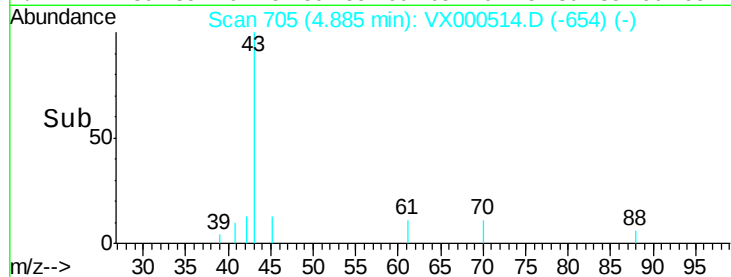
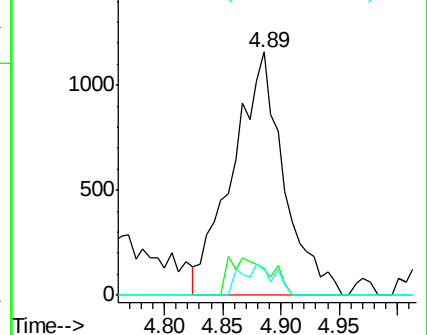
70 8.5 7.7 11.5



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: 5.46 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

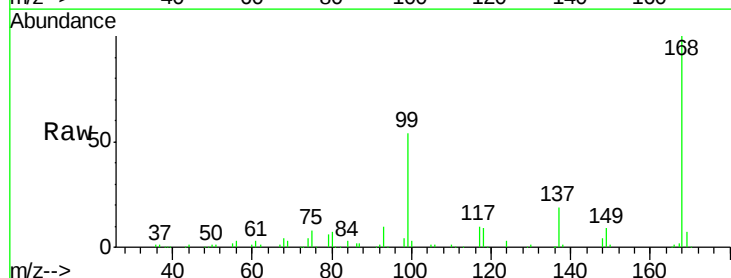
Tgt Ion: 117 Resp: 12898

Ion Ratio Lower Upper

117 100

119 4.1 77.4 116.2#

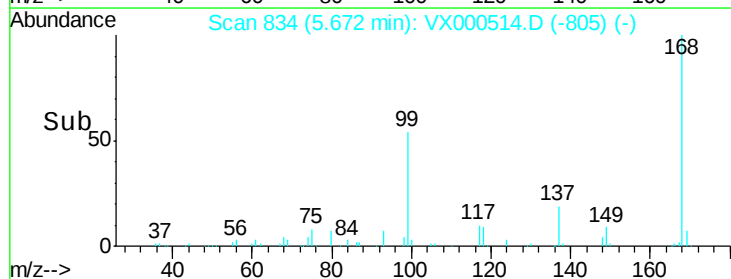
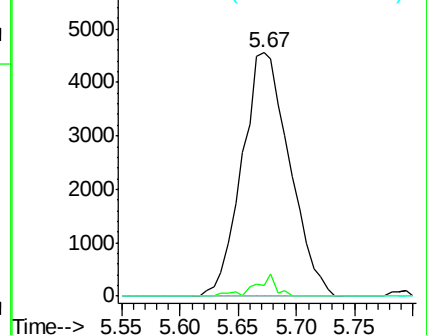
121 0.0 24.8 37.2#

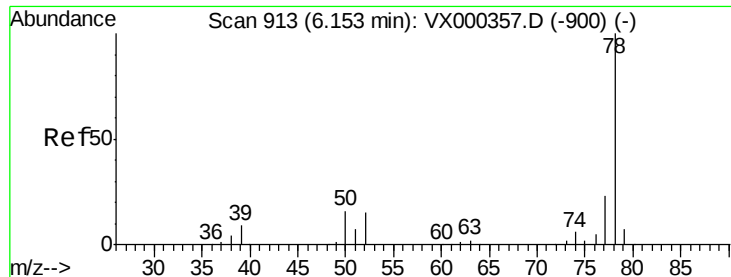


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 35.69 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

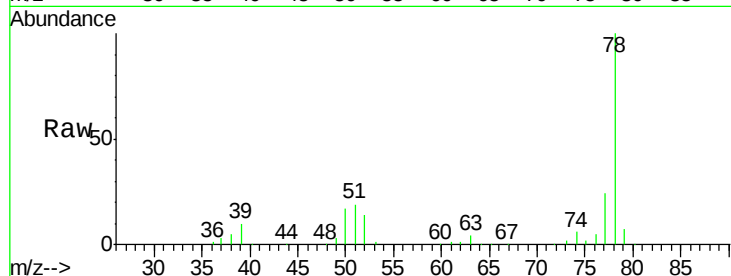
19626-7-8-74DL

Tgt Ion: 78 Resp: 233419

Ion Ratio Lower Upper

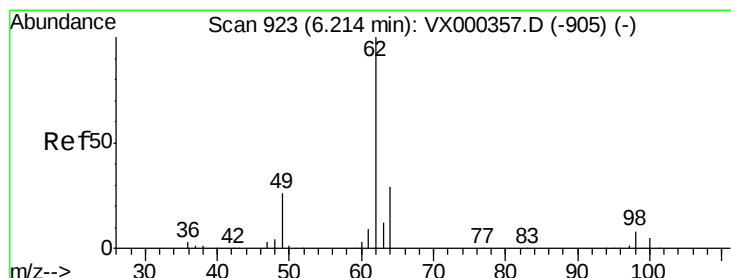
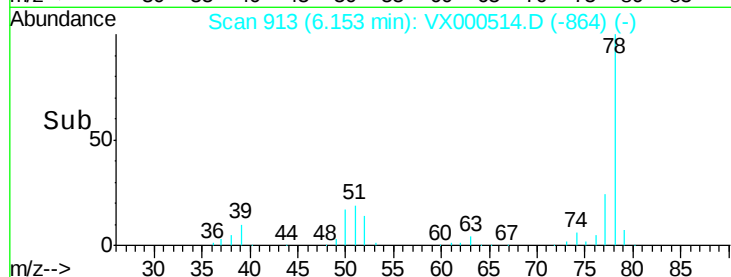
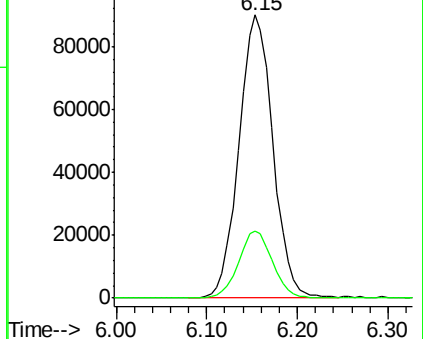
78 100

77 23.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.91 ug/l

RT: 6.16 min Scan# 914

Delta R.T. -0.05 min

Lab File: VX000514.D

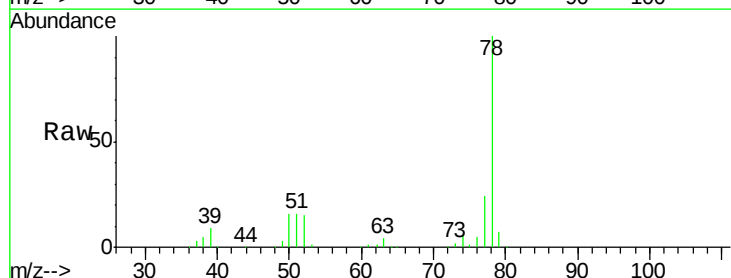
Acq: 29 Mar 2018 15:58

Tgt Ion: 62 Resp: 2336

Ion Ratio Lower Upper

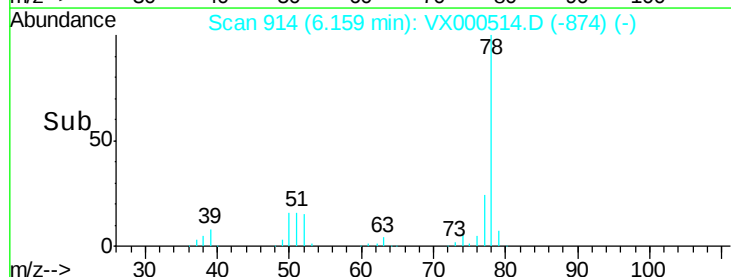
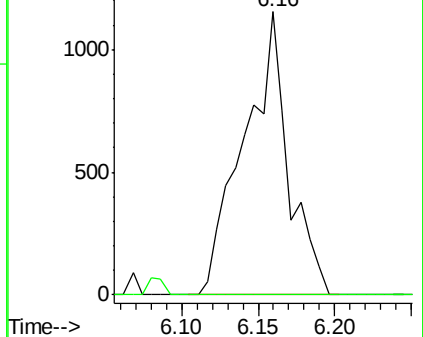
62 100

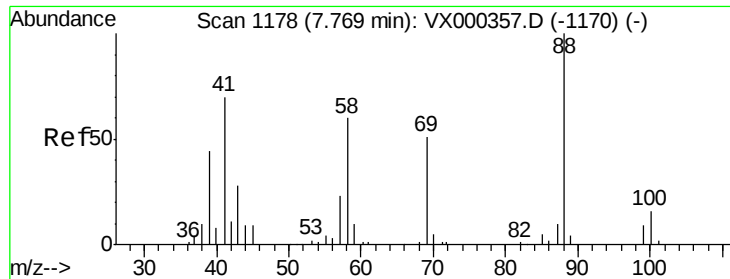
98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

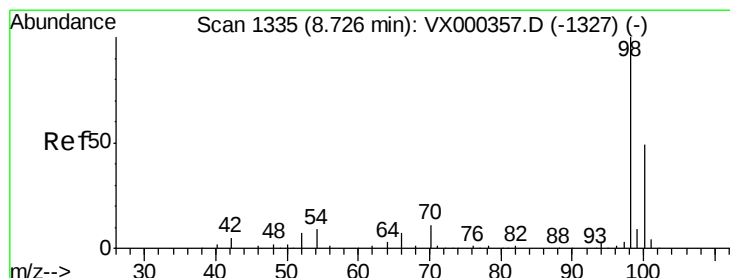
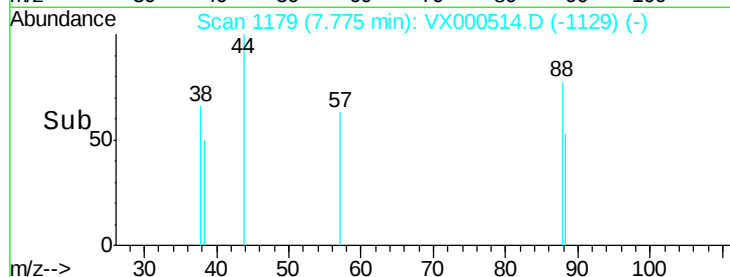
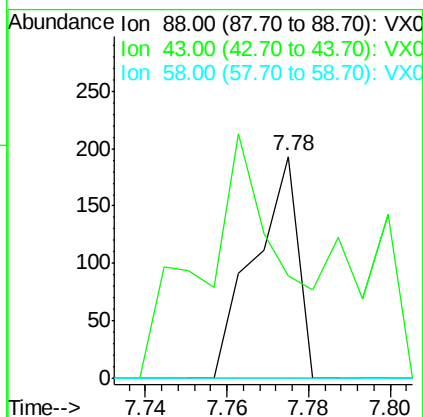
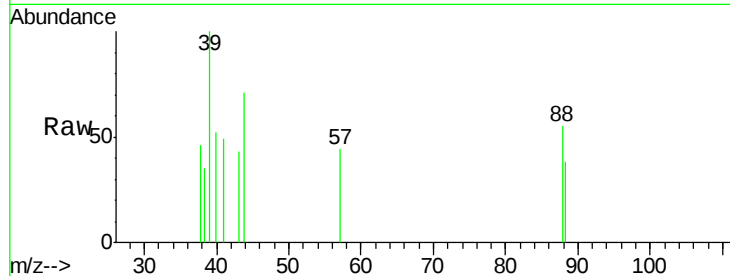




#49
1,4-Dioxane
Concen: 3.10 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

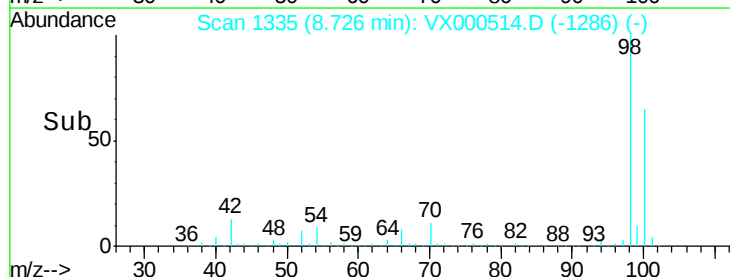
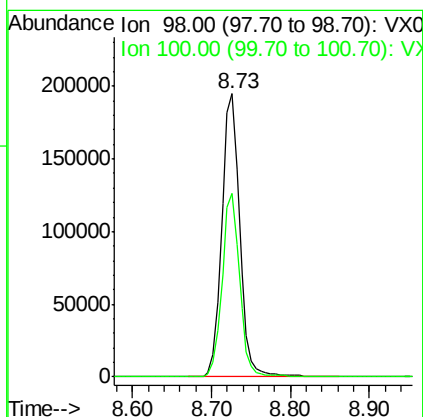
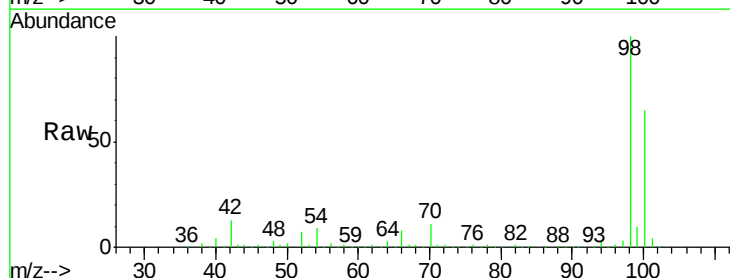
Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

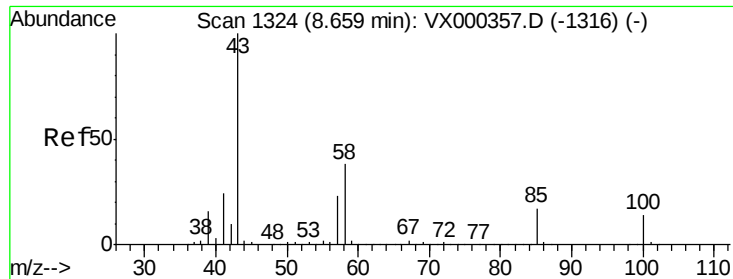
Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 195.2 26.8 40.2#
58 0.0 52.2 78.2#



#50
Toluene-d8
Concen: 49.32 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion: 98 Resp: 309380
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8

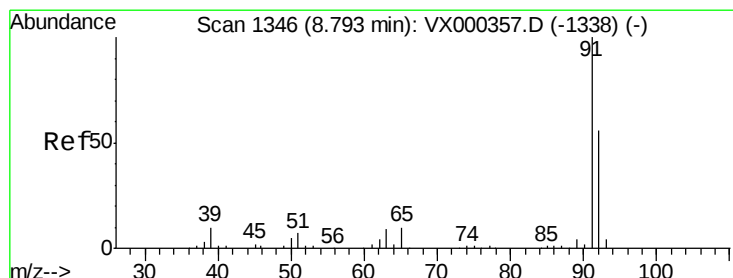
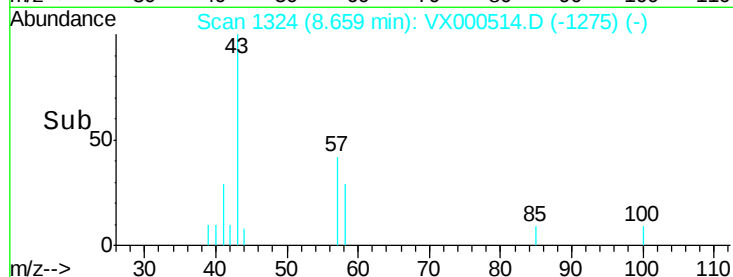
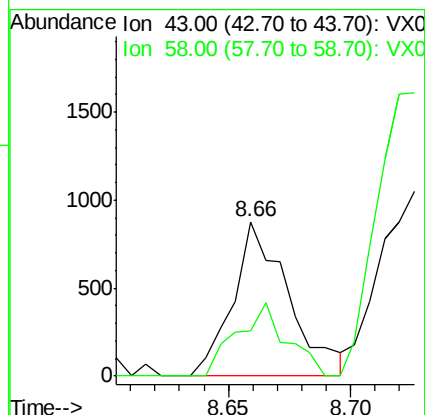
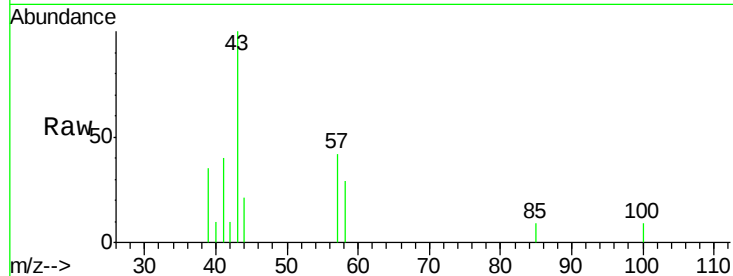




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

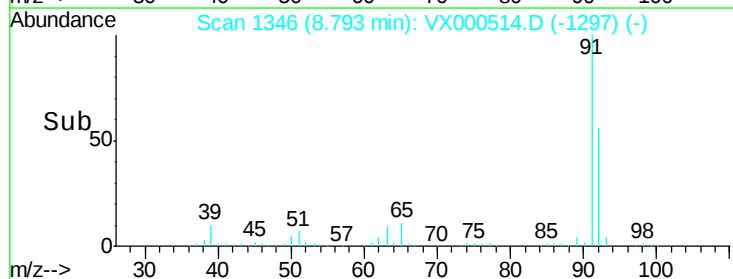
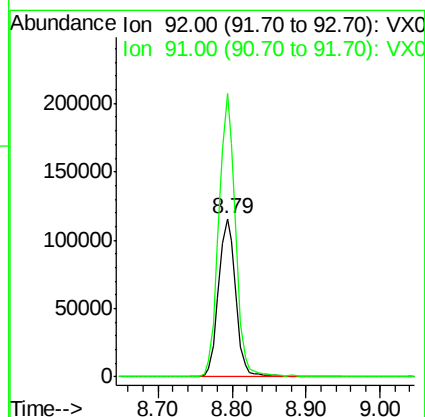
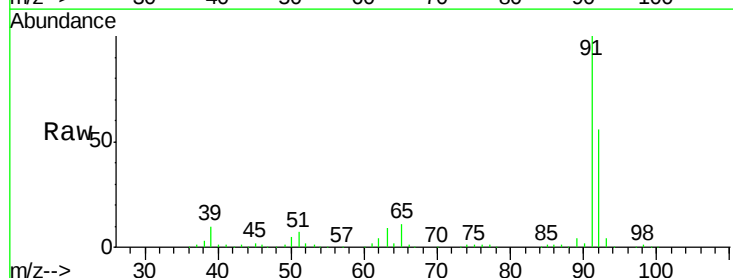
Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

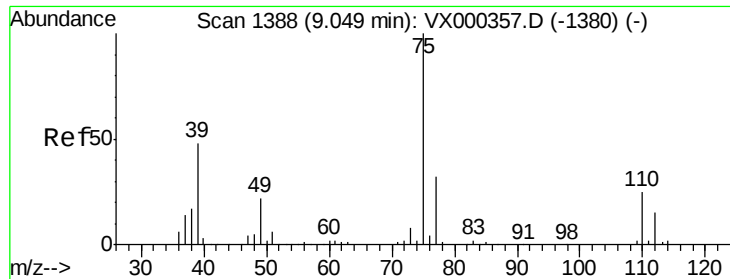
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 42.5 30.3 45.5



#52
Toluene
Concen: 40.22 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion: 92 Resp: 183860
Ion Ratio Lower Upper
92 100
91 172.3 140.2 210.2





#54

cis-1,3-Dichloropropene

Concen: 0.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

19626-7-8-74DL

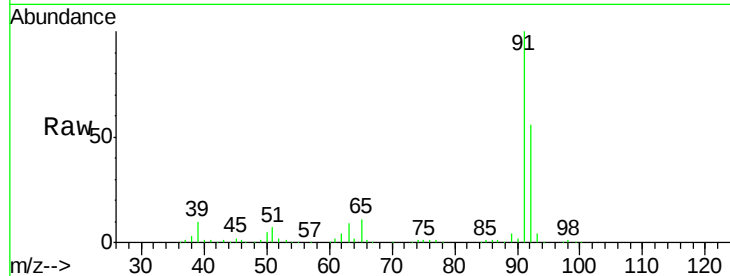
Tgt Ion: 75 Resp: 2393

Ion Ratio Lower Upper

75 100

77 153.3 26.1 39.1#

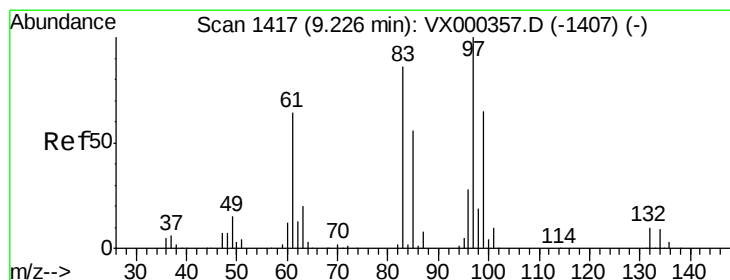
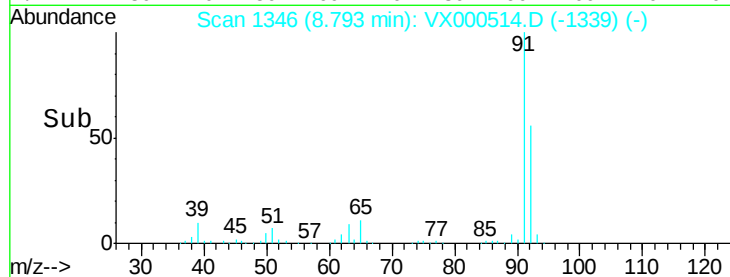
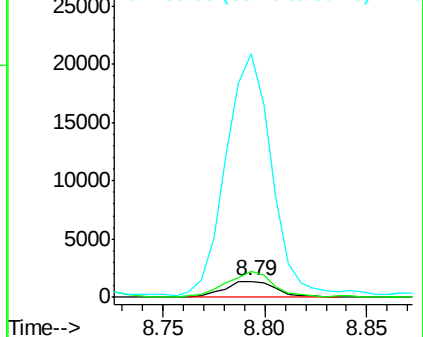
39 1492.8 39.8 59.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.01 ug/l

RT: 9.08 min Scan# 1393

Delta R.T. -0.15 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Tgt Ion: 97 Resp: 1902

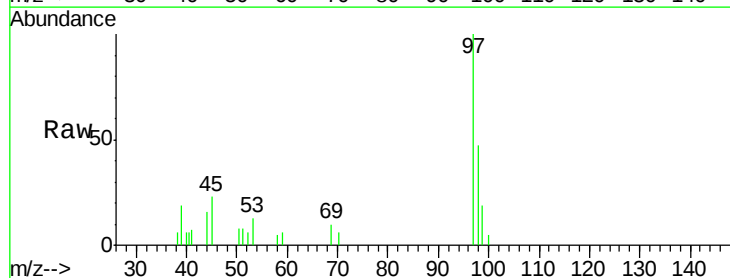
Ion Ratio Lower Upper

97 100

83 0.0 67.9 101.9#

85 0.0 42.8 64.2#

99 18.9 49.4 74.2#

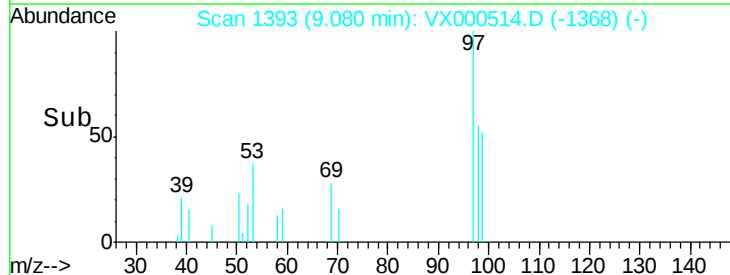
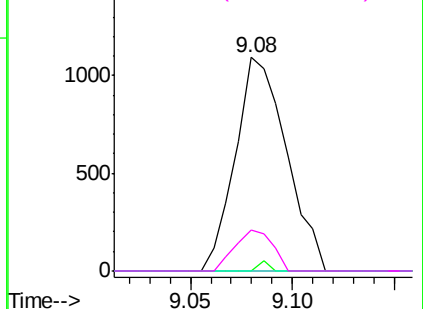


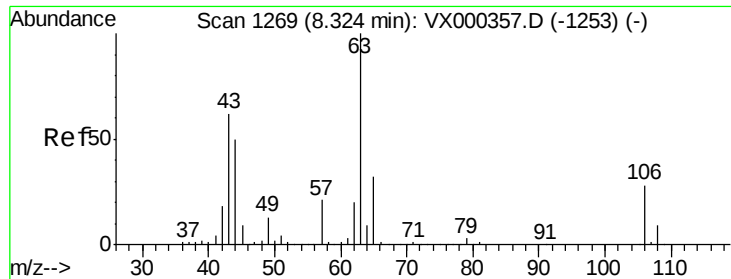
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#58

2-Chloroethyl Vinyl ether

Concen: 0.41 ug/l

RT: 8.29 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

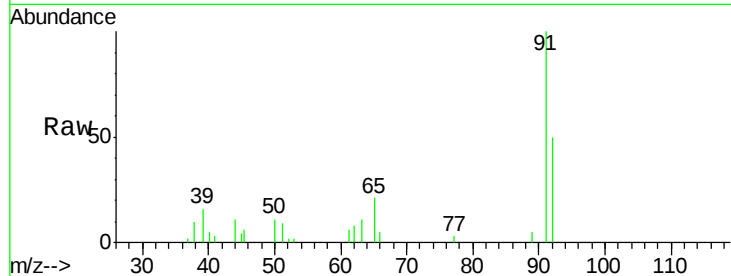
19626-7-8-74DL

Tgt Ion: 63 Resp: 556

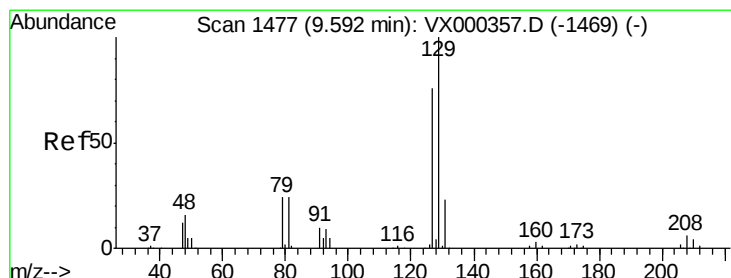
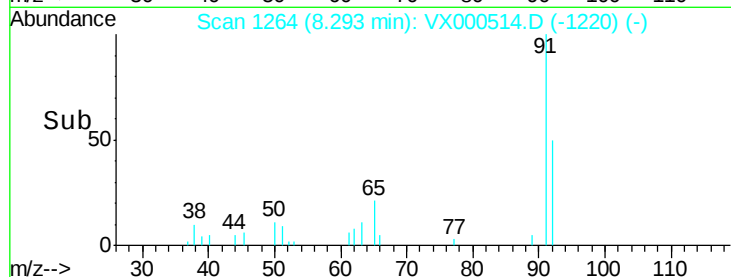
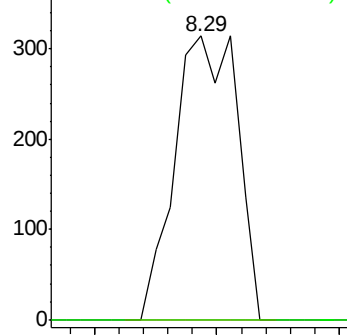
Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VX000357.D (-1253) (-)



#60

Dibromochloromethane

Concen: 4.15 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX000514.D

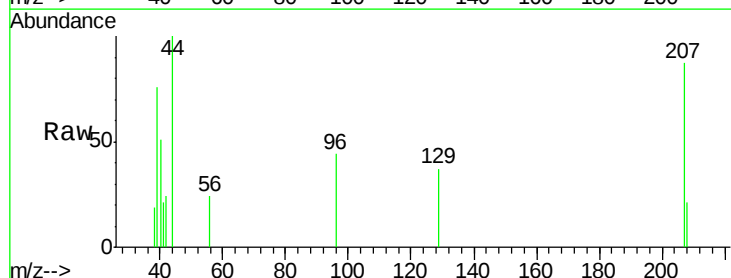
Acq: 29 Mar 2018 15:58

Tgt Ion: 129 Resp: 72

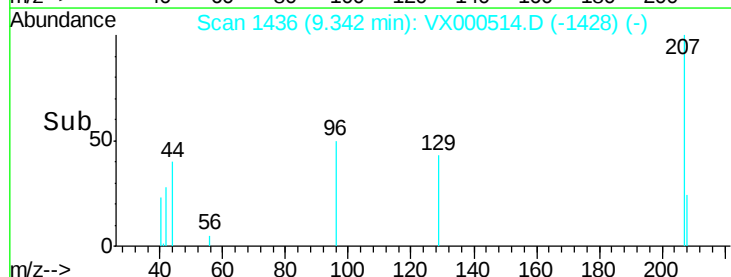
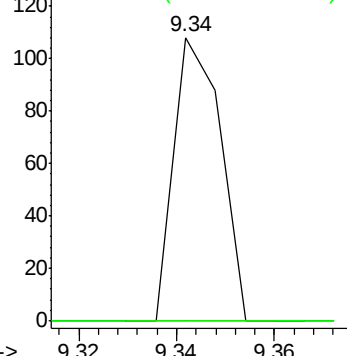
Ion Ratio Lower Upper

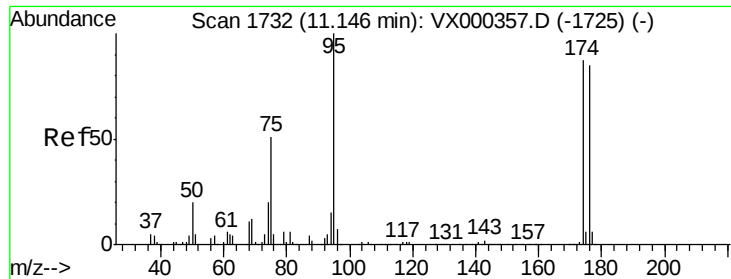
129 100

127 0.0 37.9 113.6#



Abundance Ion 128.80 (128.50 to 129.50): VX000357.D (-1469) (-)





#62

4-Bromofluorobenzene

Concen: 45.71 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

19626-7-8-74DL

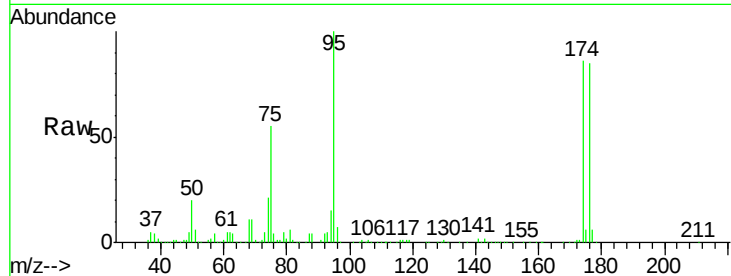
Tgt Ion: 95 Resp: 119584

Ion Ratio Lower Upper

95 100

174 87.6 0.0 173.6

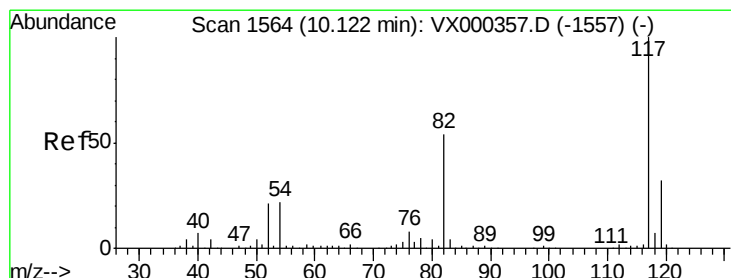
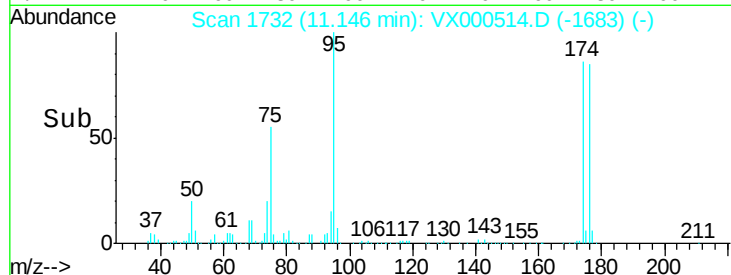
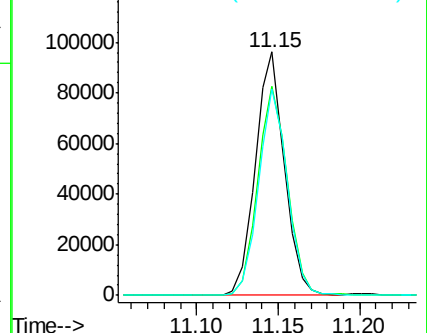
176 83.9 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000514.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000514.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000514.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

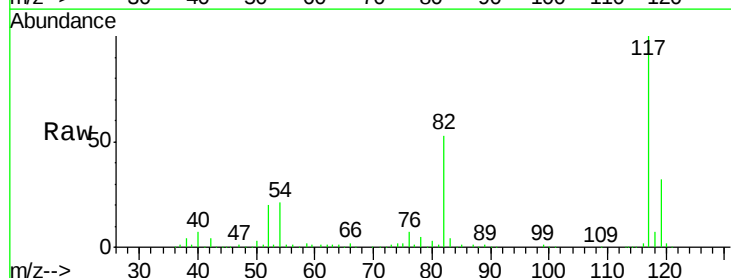
Tgt Ion: 117 Resp: 250021

Ion Ratio Lower Upper

117 100

82 52.8 43.8 65.8

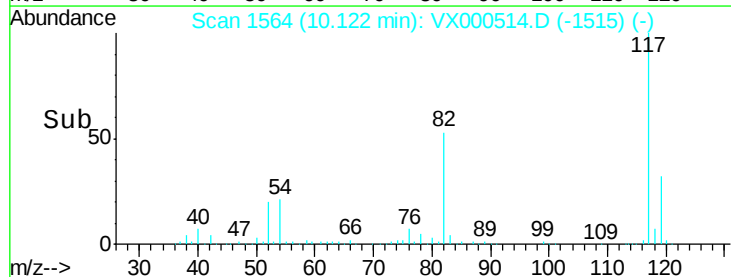
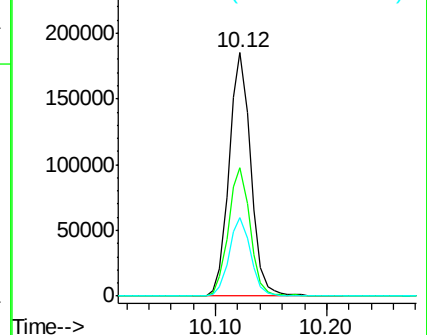
119 32.3 24.9 37.3

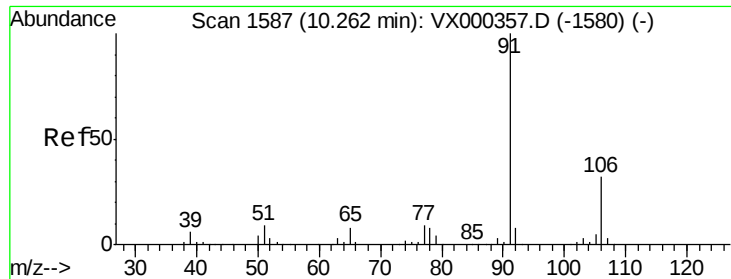


Abundance Ion 116.90 (116.60 to 117.60): VX000514.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000514.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000514.D (-1515) (-)





#67

Ethyl Benzene

Concen: 3.19 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

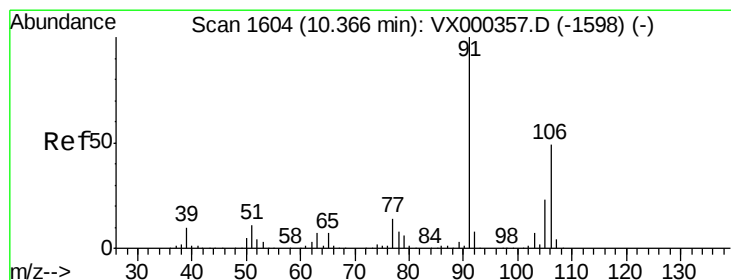
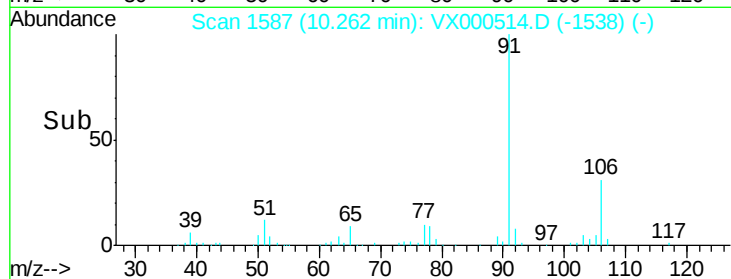
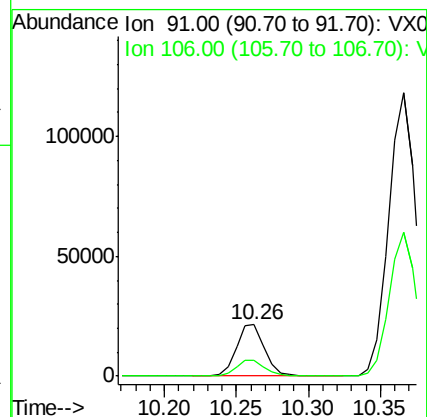
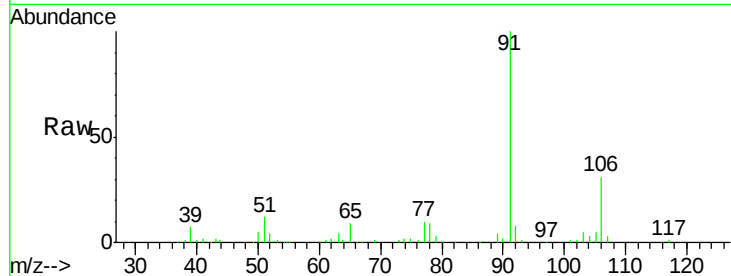
19626-7-8-74DL

Tgt Ion: 91 Resp: 30102

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 21.41 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000514.D

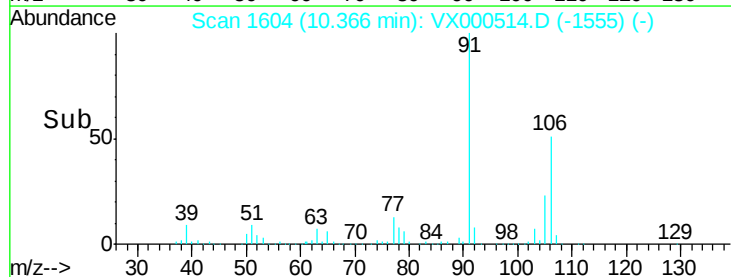
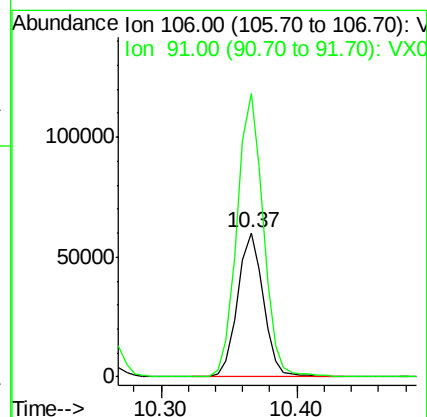
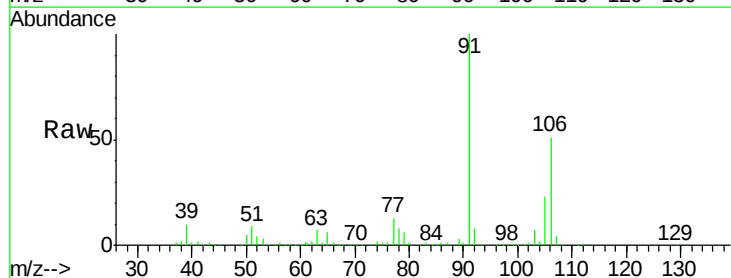
Acq: 29 Mar 2018 15:58

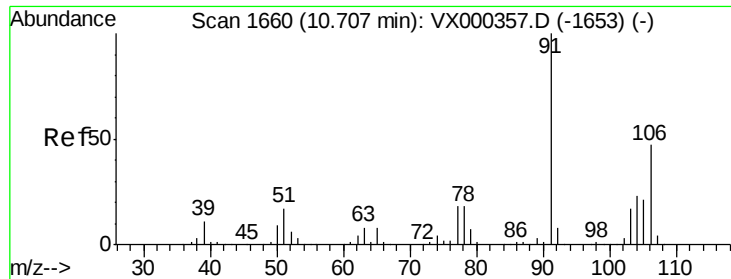
Tgt Ion: 106 Resp: 79471

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.2





#69

o-Xylene

Concen: 19.32 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

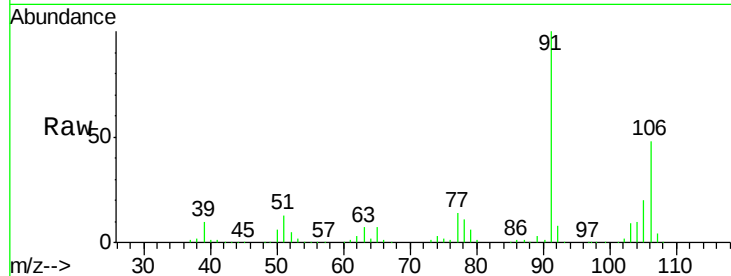
19626-7-8-74DL

Tgt Ion:106 Resp: 69447

Ion Ratio Lower Upper

106 100

91 212.2 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V

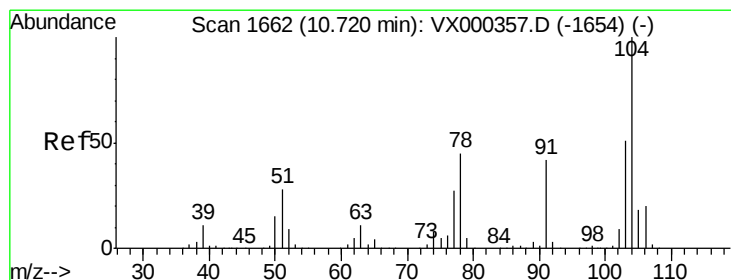
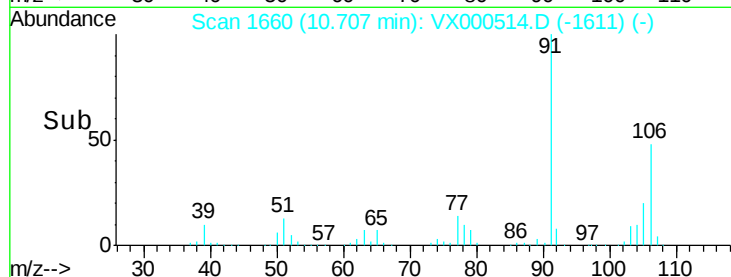
Ion 91.00 (90.70 to 91.70): VX0

100000

50000

10.71

Time-->



#70

Styrene

Concen: 6.48 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

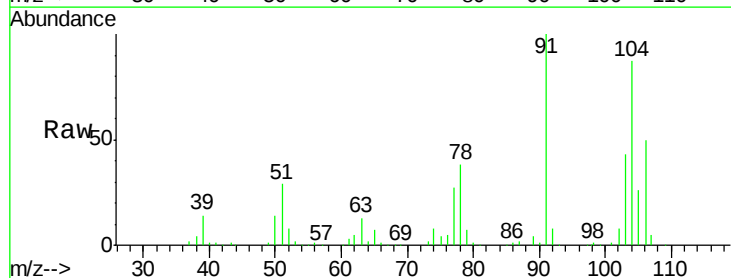
Tgt Ion:104 Resp: 38533

Ion Ratio Lower Upper

104 100

78 63.0 40.5 60.7#

103 67.0 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

40000

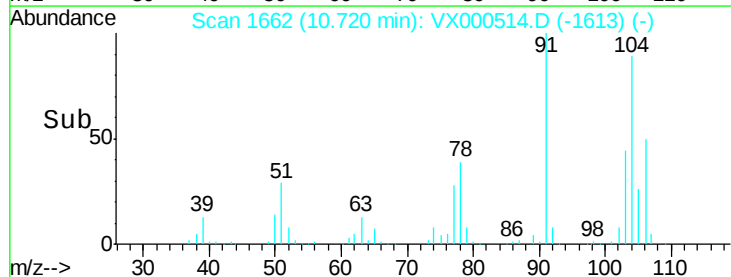
30000

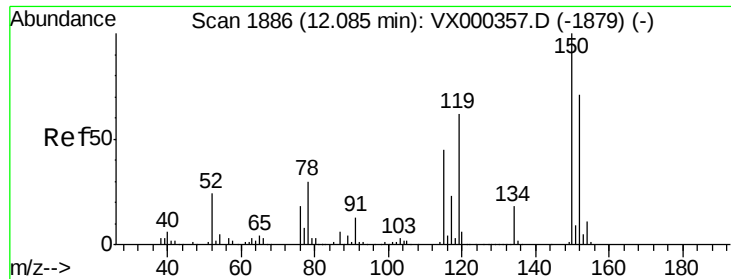
20000

10000

10.72

Time-->

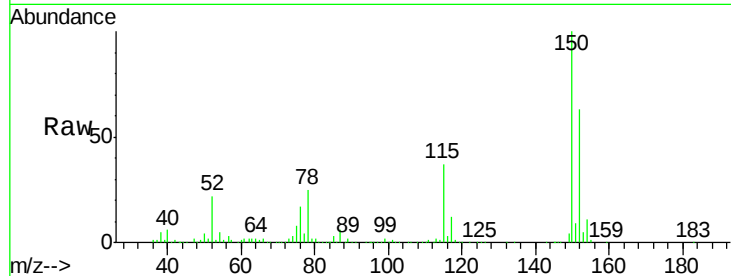




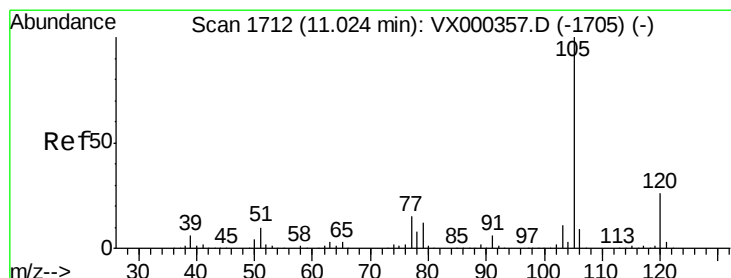
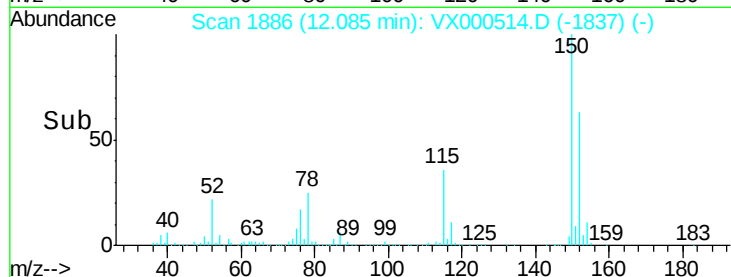
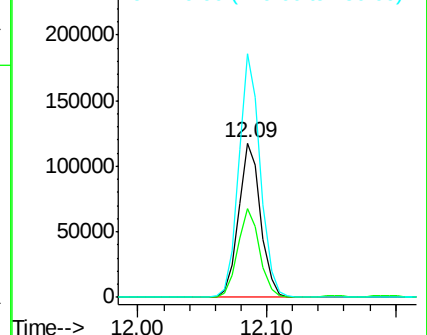
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX000514.D
 Acq: 29 Mar 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 19626-7-8-74DL

Tgt Ion:152 Resp: 139568
 Ion Ratio Lower Upper
 152 100
 115 57.5 39.8 119.3
 150 154.5 0.0 344.4

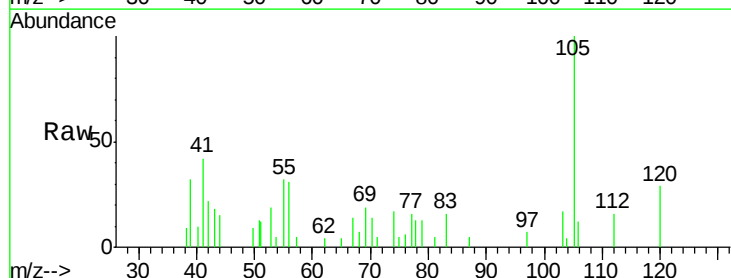


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

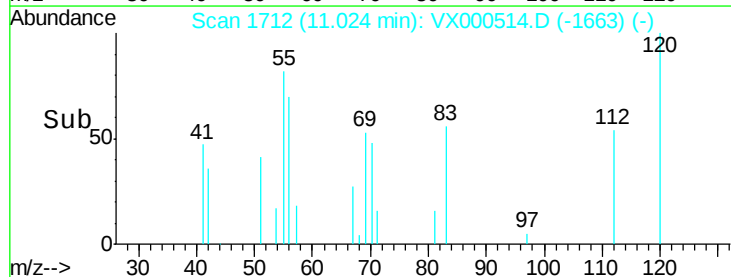
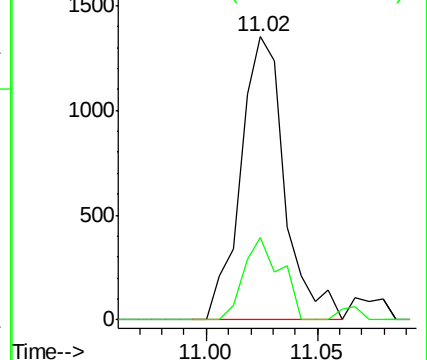


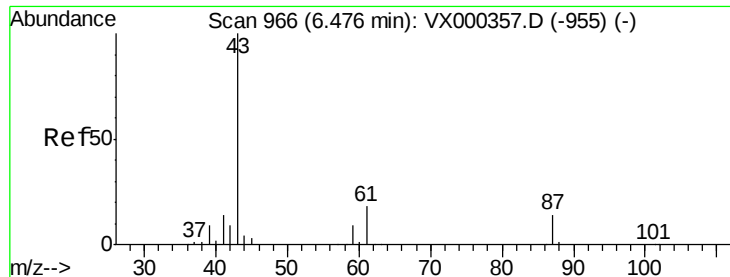
#73
 Isopropylbenzene
 Concen: 0.20 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX000514.D
 Acq: 29 Mar 2018 15:58

Tgt Ion:105 Resp: 1861
 Ion Ratio Lower Upper
 105 100
 120 24.4 13.6 40.7



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





#74

N-ethyl acetate

Concen: Below Cal

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

19626-7-8-74DL

Tgt Ion: 43 Resp: 208

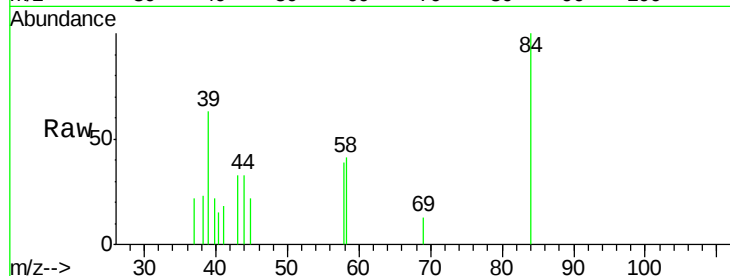
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

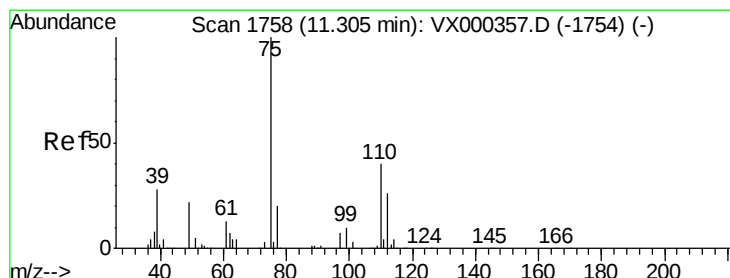
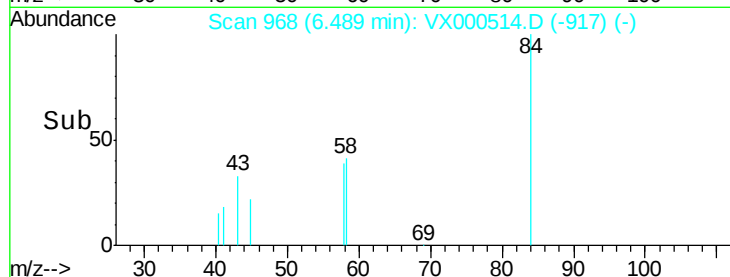
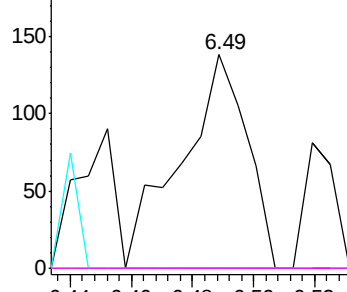


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000514.D

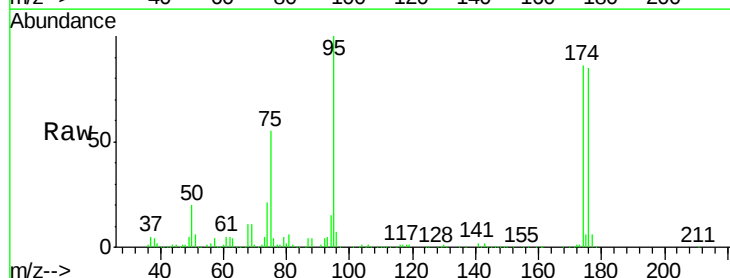
Acq: 29 Mar 2018 15:58

Tgt Ion: 75 Resp: 67301

Ion Ratio Lower Upper

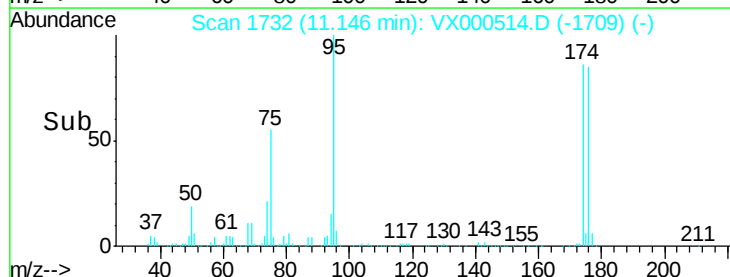
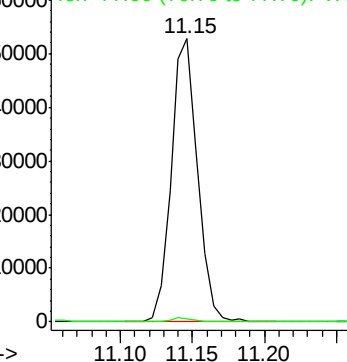
75 100

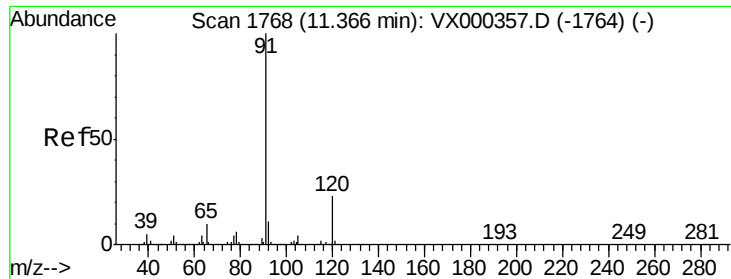
77 1.3 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.73 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

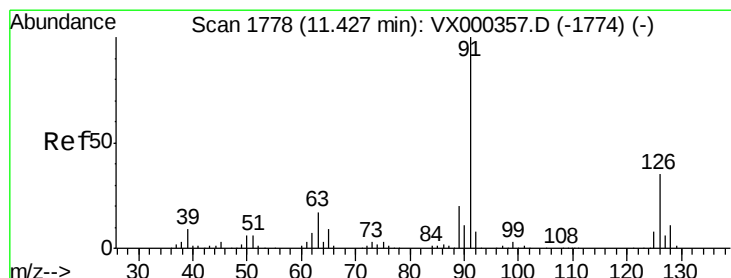
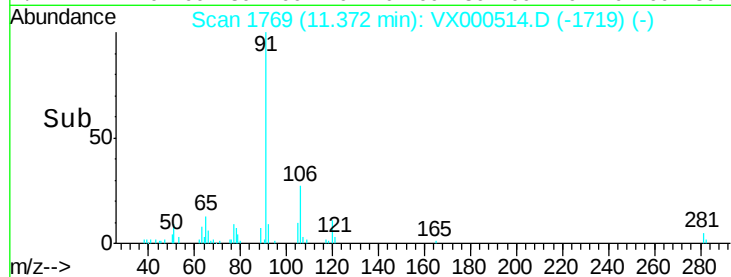
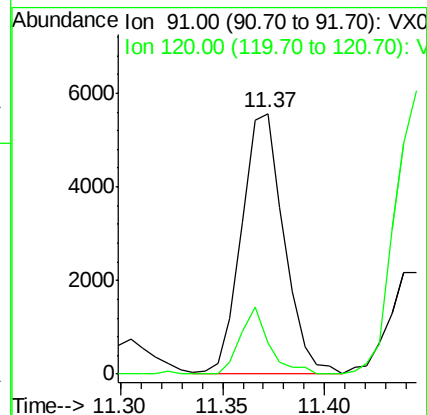
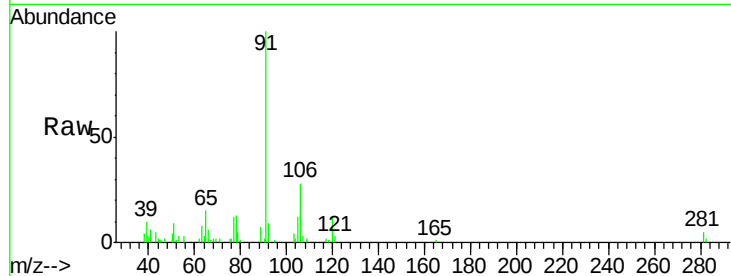
19626-7-8-74DL

Tgt Ion: 91 Resp: 8052

Ion Ratio Lower Upper

91 100

120 17.4 11.8 35.3



#79

2-Chlorotoluene

Concen: 0.42 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. 0.25 min

Lab File: VX000514.D

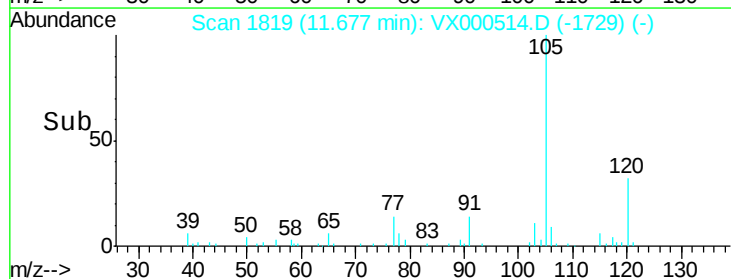
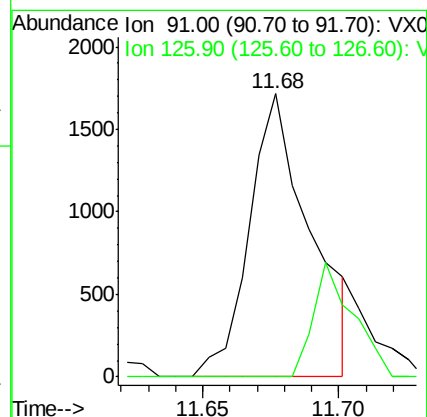
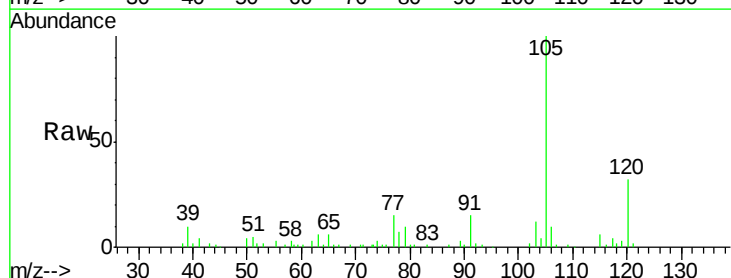
Acq: 29 Mar 2018 15:58

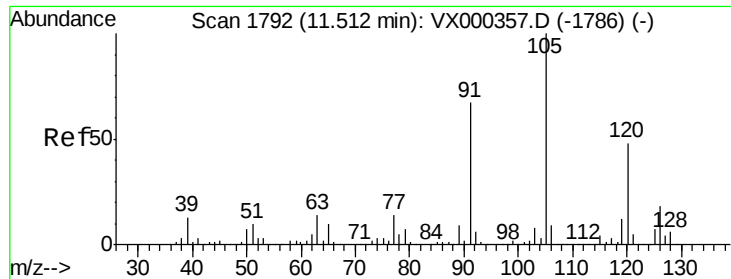
Tgt Ion: 91 Resp: 2673

Ion Ratio Lower Upper

91 100

126 19.2 17.7 53.1

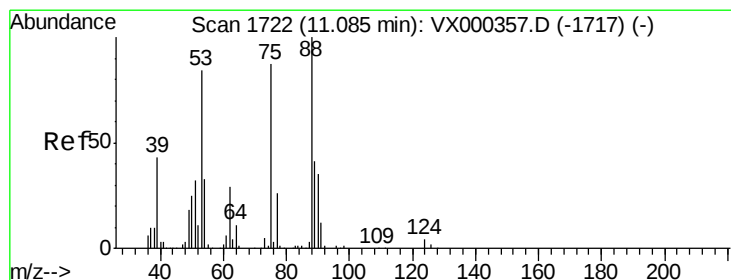
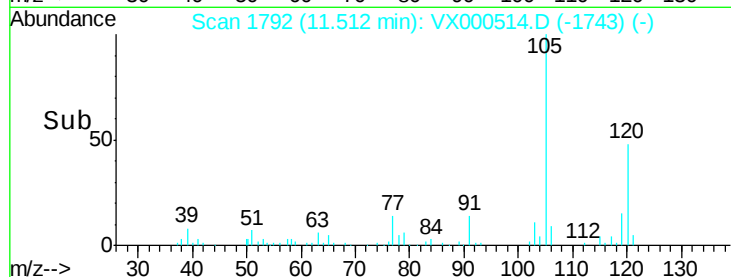
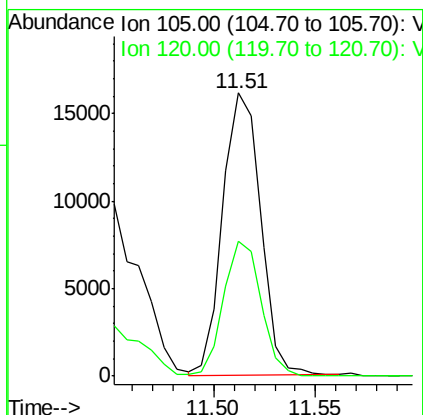
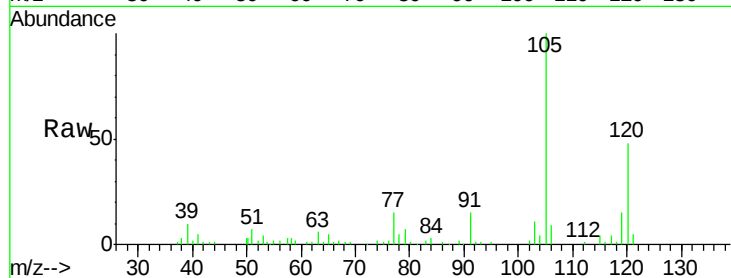




#80
 1,3,5-Trimethylbenzene
 Concen: 2.66 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000514.D
 Acq: 29 Mar 2018 15:58

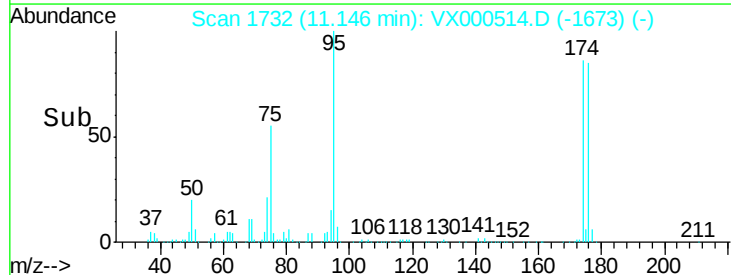
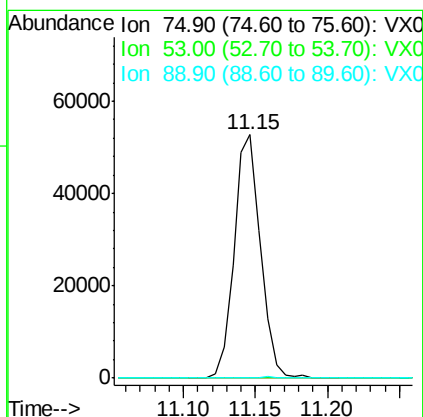
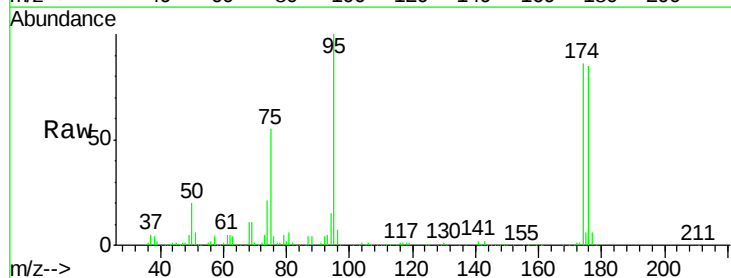
Instrument :
 MSVOA_X
 ClientSampleId :
 19626-7-8-74DL

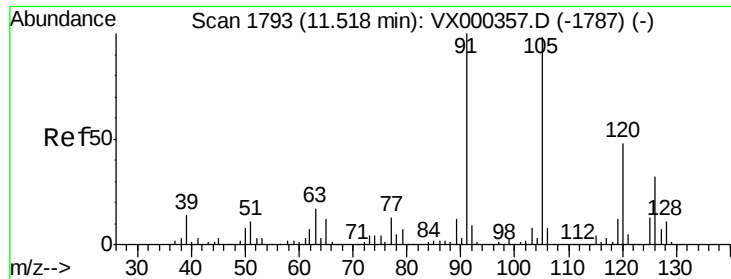
Tgt Ion: 105 Resp: 20692
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.64 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000514.D
 Acq: 29 Mar 2018 15:58

Tgt Ion: 75 Resp: 67301
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#

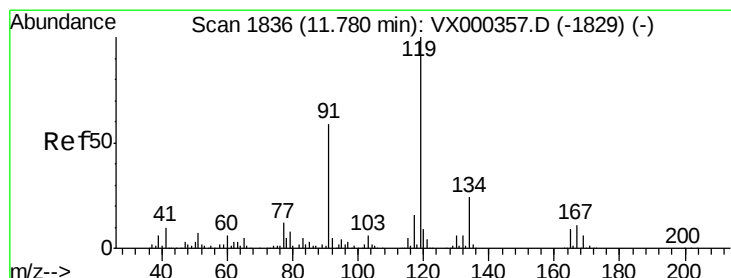
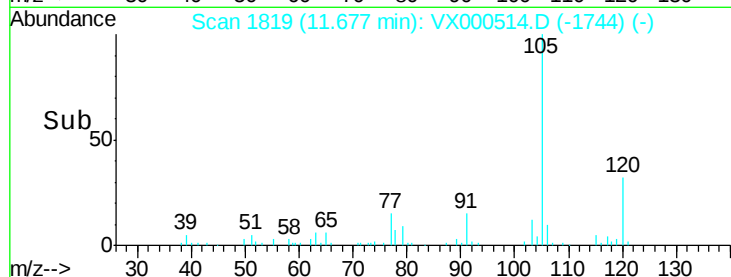
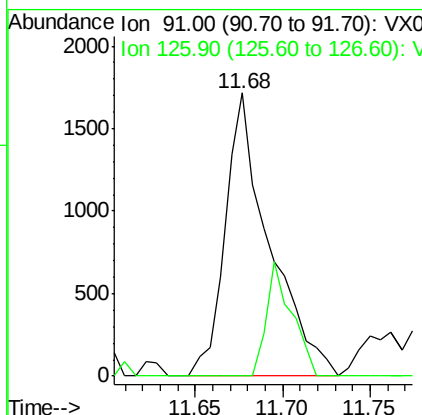
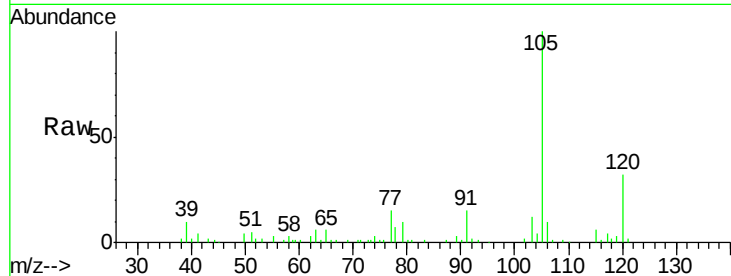




#82
4-Chlorotoluene
Concen: 0.39 ug/l
RT: 11.68 min Scan# 1819
Delta R.T. 0.16 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

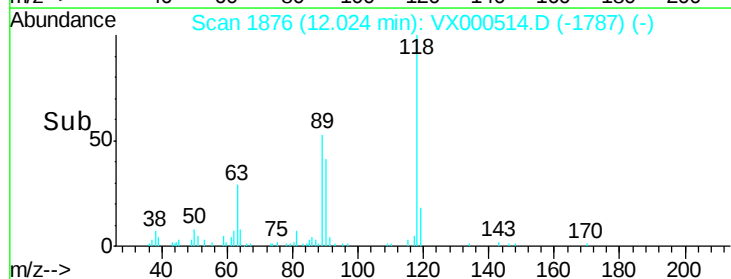
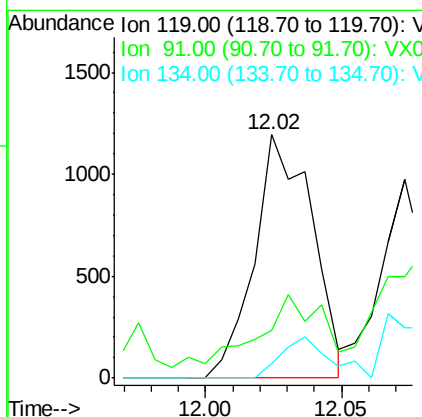
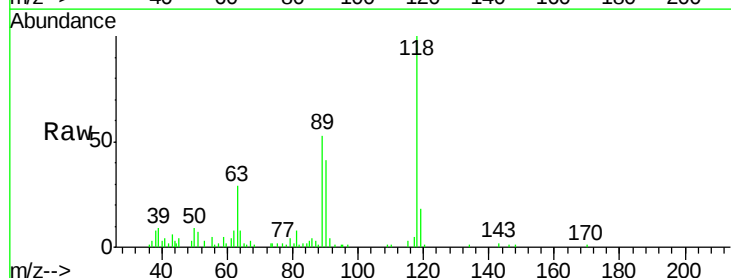
Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

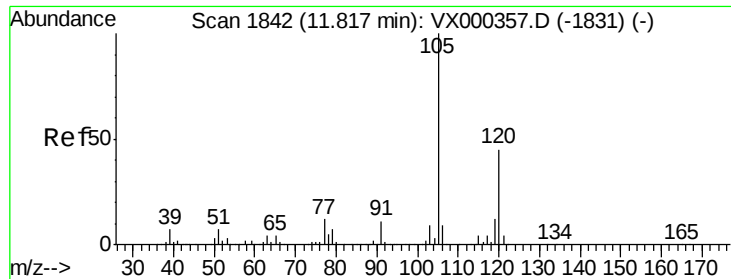
Tgt Ion: 91 Resp: 3003
Ion Ratio Lower Upper
91 100
126 23.4 15.4 46.1



#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. 0.24 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion: 119 Resp: 1757
Ion Ratio Lower Upper
119 100
91 31.9 28.8 86.4
134 12.5 11.4 34.1

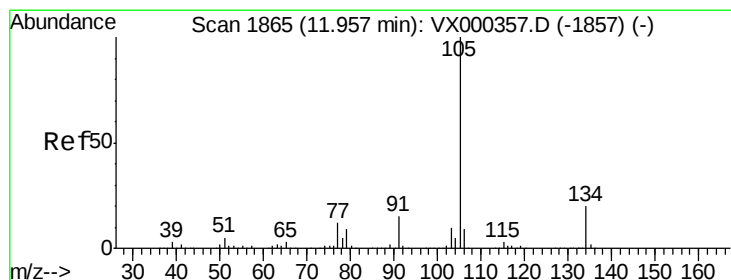
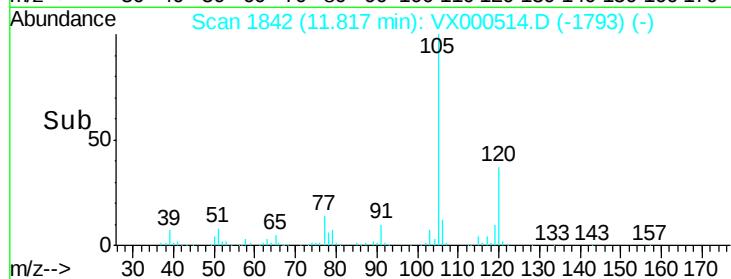
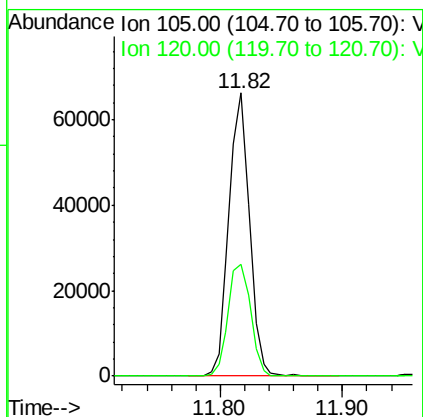
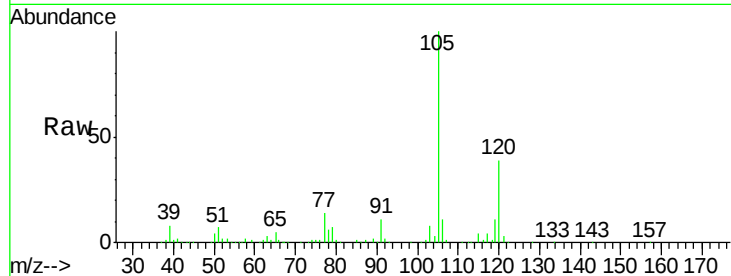




#84
1,2,4-Trimethylbenzene
Concen: 9.48 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

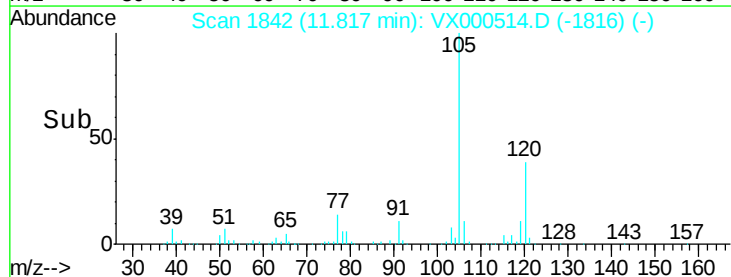
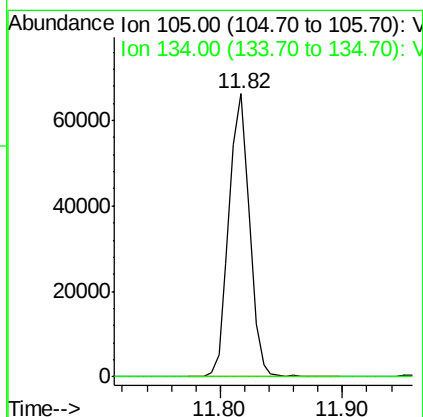
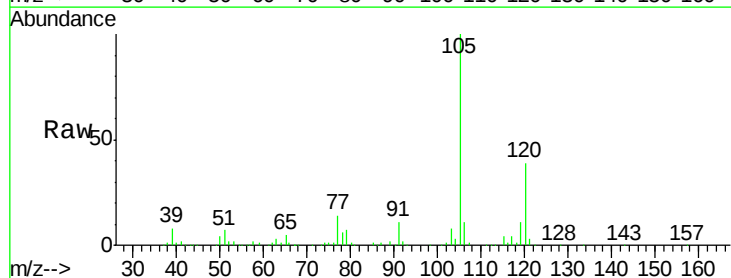
Instrument :
MSVOA_X
ClientSampleId :
19626-7-8-74DL

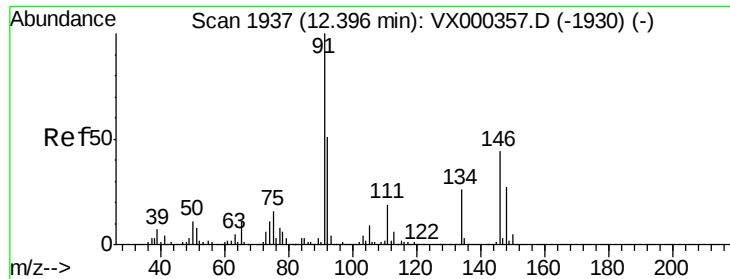
Tgt Ion:105 Resp: 77243
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 7.96 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.14 min
Lab File: VX000514.D
Acq: 29 Mar 2018 15:58

Tgt Ion:105 Resp: 77243
Ion Ratio Lower Upper
105 100
134 0.0 10.3 30.8#





#89

n-Butylbenzene

Concen: 0.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampled :

19626-7-8-74DL

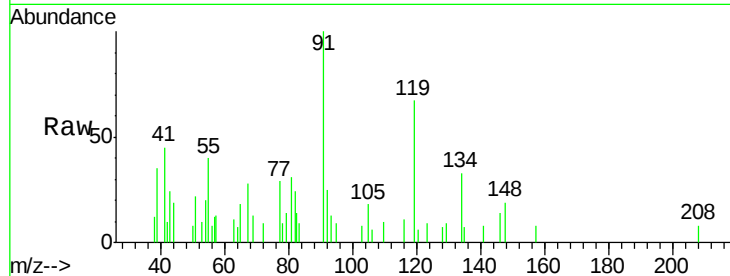
Tgt Ion: 91 Resp: 1640

Ion Ratio Lower Upper

91 100

92 32.3 25.9 77.8

134 71.4 13.1 39.3#

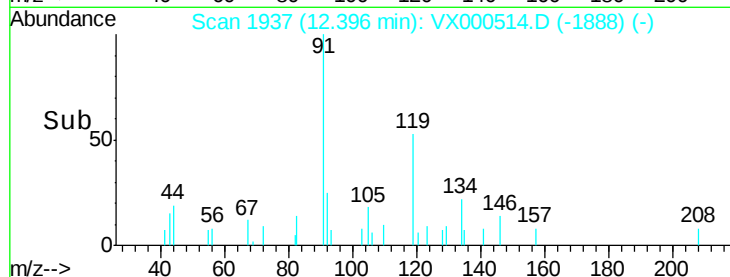


Abundance Ion 91.00 (90.70 to 91.70): VX000514.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000514.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000514.D (-1930) (-)

Time-->

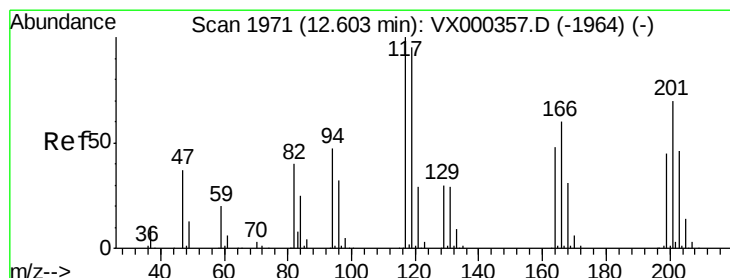


Abundance Ion 91.00 (90.70 to 91.70): VX000514.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000514.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000514.D (-1888) (-)

Time-->



#90

Hexachloroethane

Concen: 0.80 ug/l

RT: 12.71 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VX000514.D

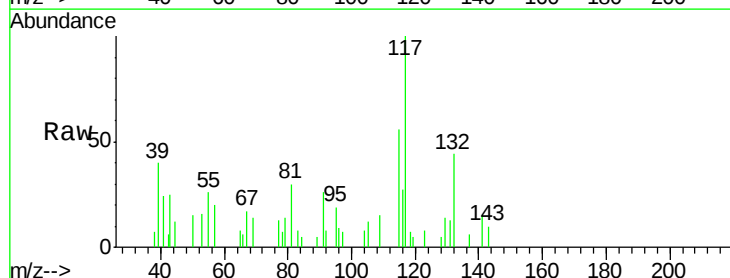
Acq: 29 Mar 2018 15:58

Tgt Ion: 117 Resp: 1080

Ion Ratio Lower Upper

117 100

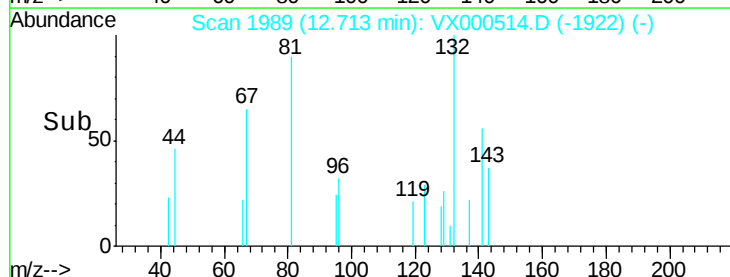
201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): VX000514.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000514.D (-1964) (-)

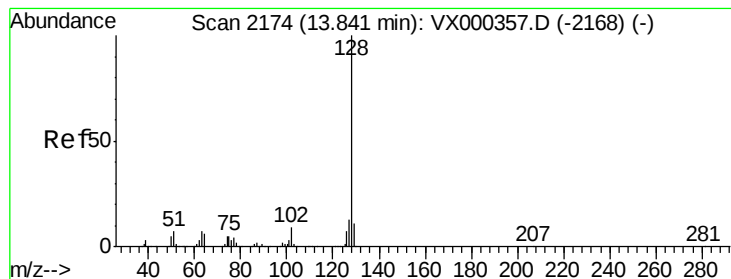
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX000514.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000514.D (-1922) (-)

Time-->



#95

Naphthalene

Concen: 109.45 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000514.D

Acq: 29 Mar 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

19626-7-8-74DL

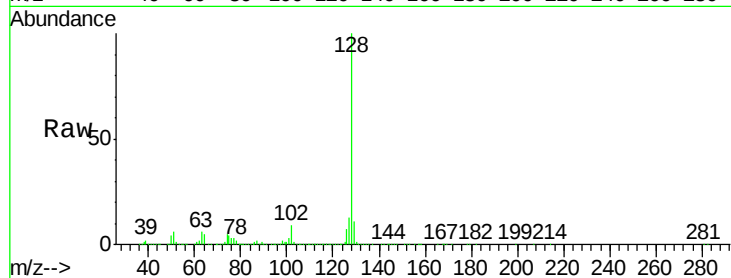
Tgt Ion:128 Resp: 1248134

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

