

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062118\
 Data File : VX002819.D
 Acq On : 22 Jun 2018 05:46
 Operator : JC/MD
 Sample : J3603-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 26KV-TP-7

Quant Time: Jun 22 06:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201477	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170718	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
35) Dibromofluoromethane	5.51	113	135194	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	8.72	98	507150	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.14	95	189384	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.57	64	13842	6.29	ug/l #	52
8) Diethyl Ether	2.18	74	640	0.31	ug/l	70
10) Methyl Iodide	2.51	142	1350	5.48	ug/l #	92
11) Tert butyl alcohol	3.07	59	363	0.45	ug/l #	16
13) Acrolein	2.31	56	143	7.23	ug/l #	1
16) Acetone	2.45	43	14439	8.45	ug/l	99
17) Carbon Disulfide	2.57	76	4757	0.70	ug/l #	95
18) Methyl Acetate	2.78	43	23246	5.11	ug/l	95
20) Methylene Chloride	2.86	84	33384	9.53	ug/l	98
24) 1,1-Dichloroethane	3.70	63	1469	0.26	ug/l #	91
25) 2-Butanone	4.71	43	3229	1.44	ug/l	92
29) Tetrahydrofuran	5.19	42	1215	0.83	ug/l #	81
30) Chloroform	5.22	83	2127	0.40	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	17277	4.56	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23138	6.13	ug/l #	15
47) Bromodichloromethane	7.91	83	866	0.25	ug/l #	85
51) 4-Methyl-2-Pentanone	8.65	43	1238	0.27	ug/l	96
53) t-1,3-Dichloropropene	8.43	75	19	2.40	ug/l #	76
54) cis-1,3-Dichloropropene	9.06	75	31	3.22	ug/l #	46
60) Dibromochloromethane	9.59	129	334	3.85	ug/l	93
71) Bromoform	10.91	173	79	4.87	ug/l #	28
73) Isopropylbenzene	11.02	105	7568	0.56	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	99579	26.19	ug/l #	33
78) n-propylbenzene	11.37	91	11702	0.76	ug/l	98
79) 2-Chlorotoluene	11.37	91	11702	1.27	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	99579	80.98	ug/l #	7
82) 4-Chlorotoluene	11.37	91	11702	1.07	ug/l #	44
85) sec-Butylbenzene	11.95	105	11496	0.84	ug/l	80
86) p-Isopropyltoluene	12.07	119	5009	0.41	ug/l	84
89) n-Butylbenzene	12.39	91	5255	0.48	ug/l #	80
90) Hexachloroethane	12.67	117	4153	4.67	ug/l #	2
95) Naphthalene	13.83	128	10022	0.74	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

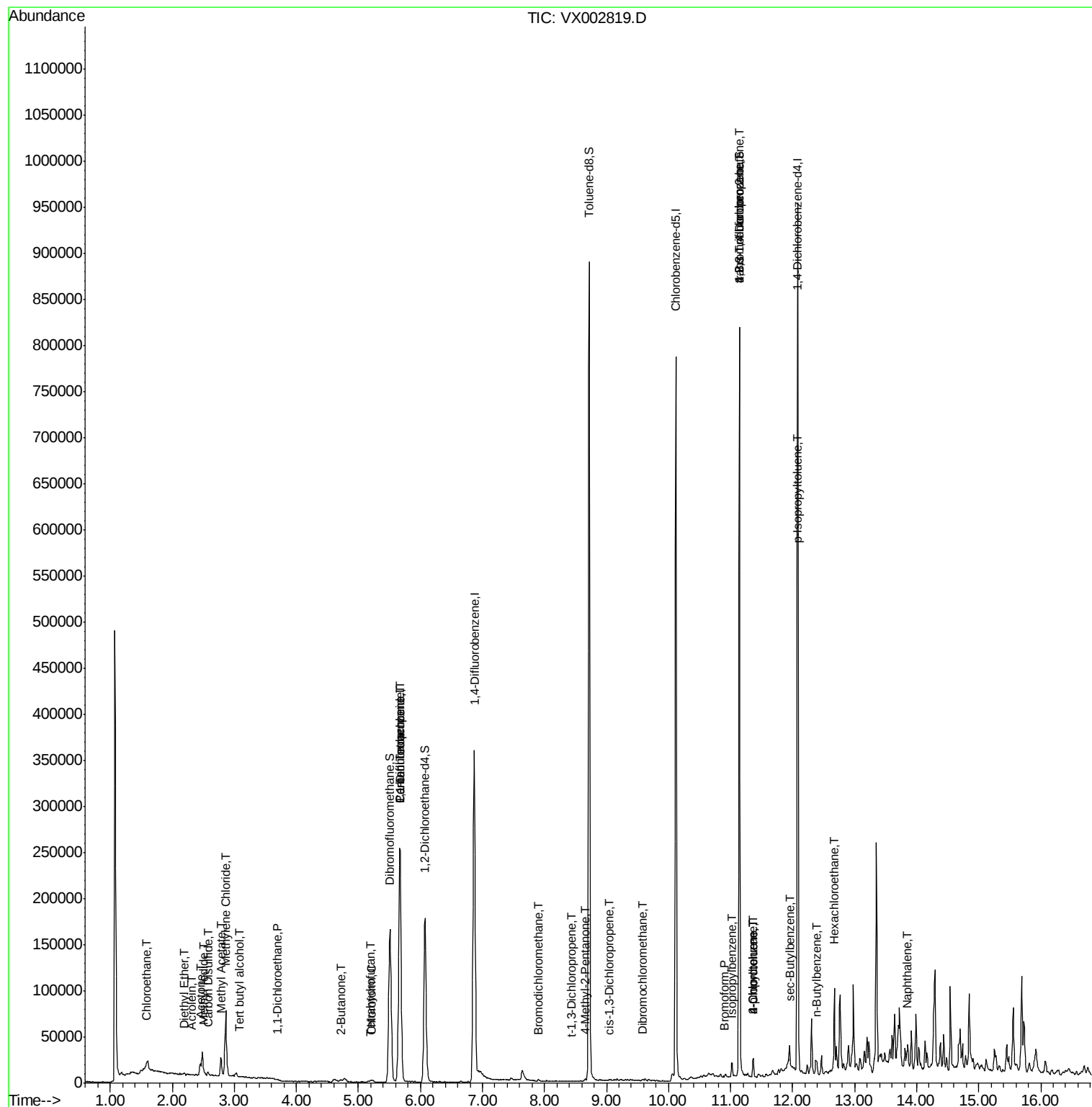
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

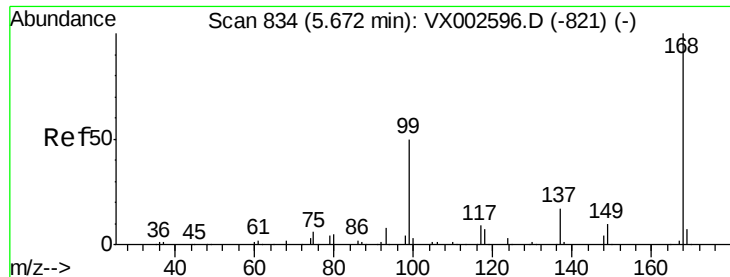
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

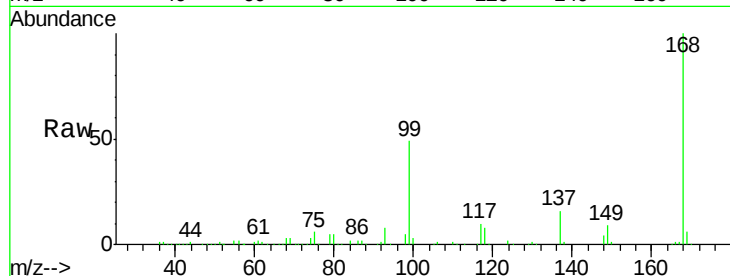
26KV-TP-7

Tot Ion:168 Resp: 254764

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

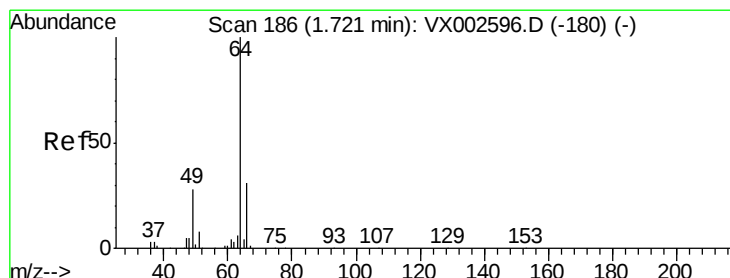
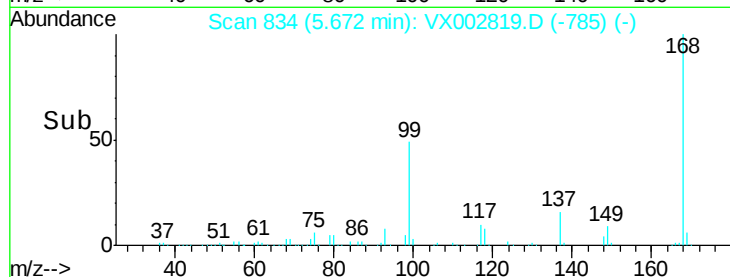
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 6.29 ug/l

RT: 1.57 min Scan# 161

Delta R.T. -0.15 min

Lab File: VX002819.D

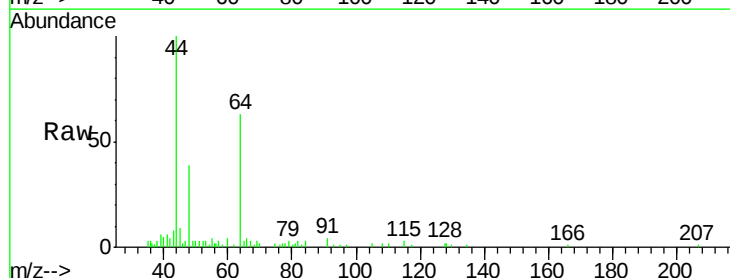
Acq: 22 Jun 2018 05:46

Tgt Ion: 64 Resp: 13842

Ion Ratio Lower Upper

64 100

66 5.3 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.57

4000

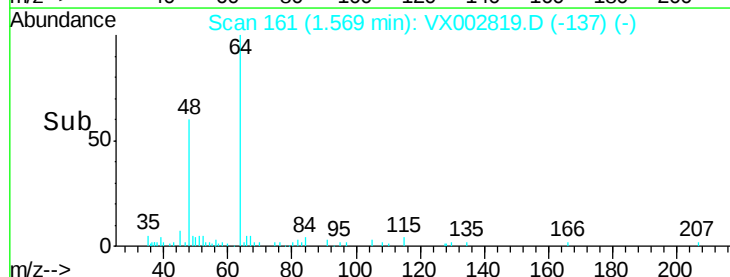
3000

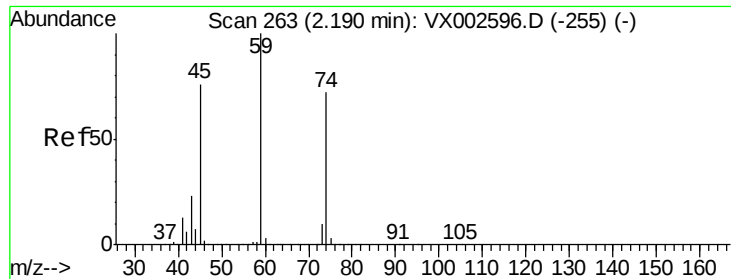
2000

1000

0

Time--> 1.40 1.45 1.50 1.55 1.60





#8

Diethyl Ether

Concen: 0.31 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

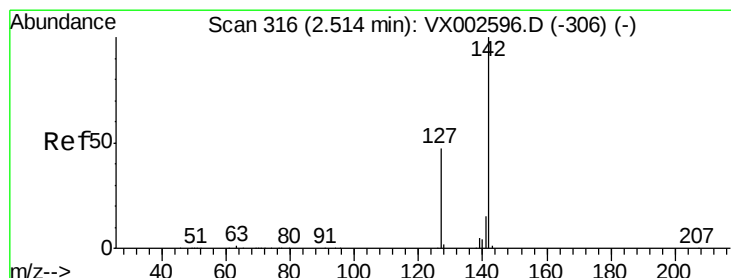
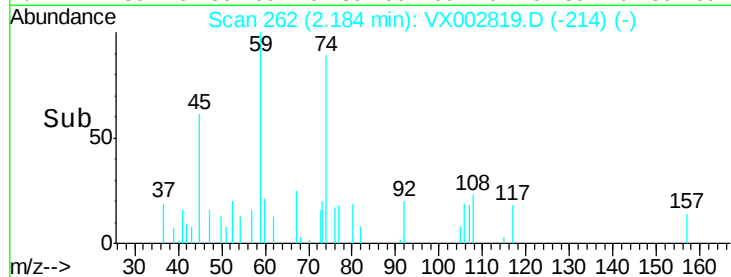
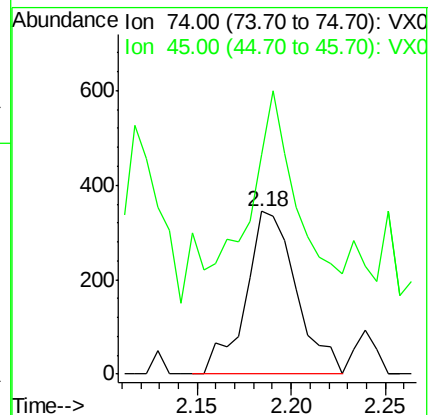
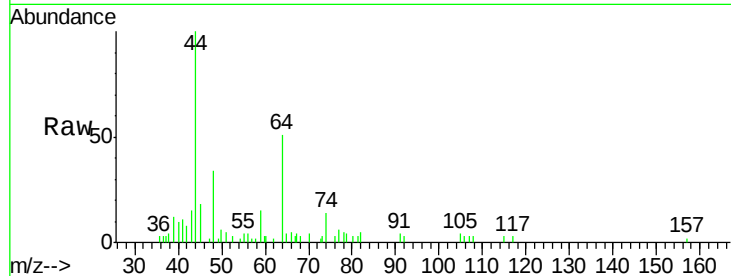
26KV-TP-7

Tot Ion: 74 Resp: 640

Ion Ratio Lower Upper

74 100

45 137.8 53.1 159.4



#10

Methyl Iodide

Concen: 5.48 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

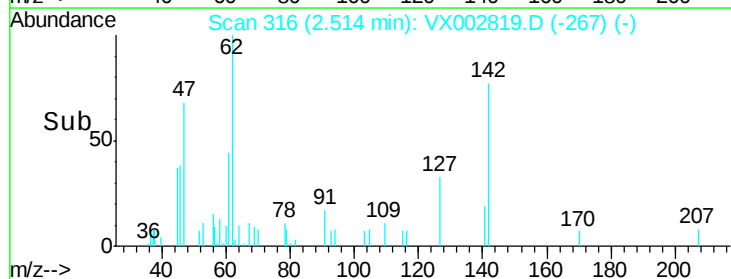
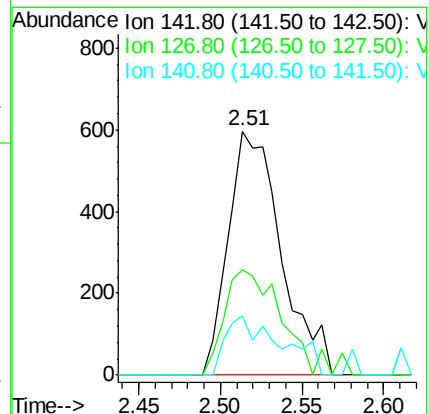
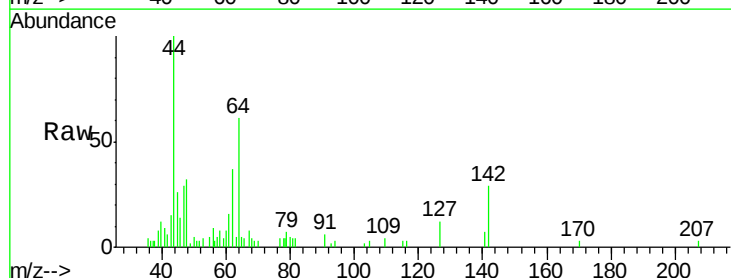
Tgt Ion: 142 Resp: 1350

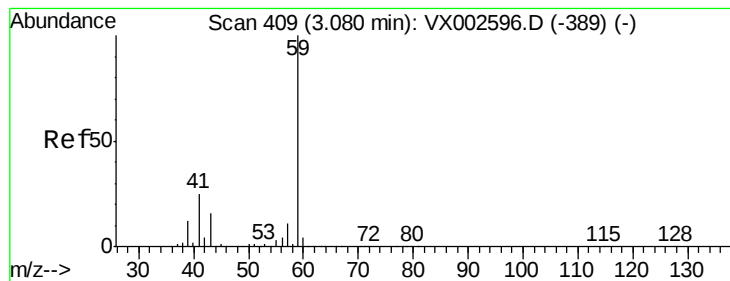
Ion Ratio Lower Upper

142 100

127 44.4 36.6 55.0

141 25.3 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.45 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

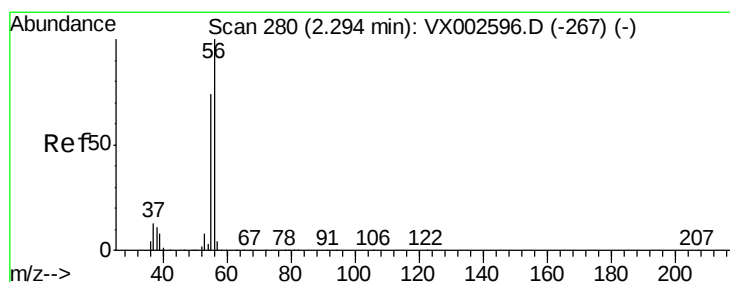
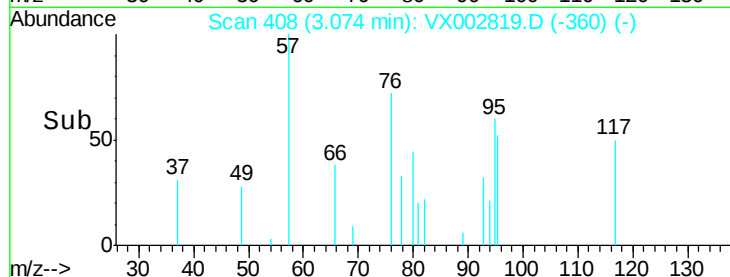
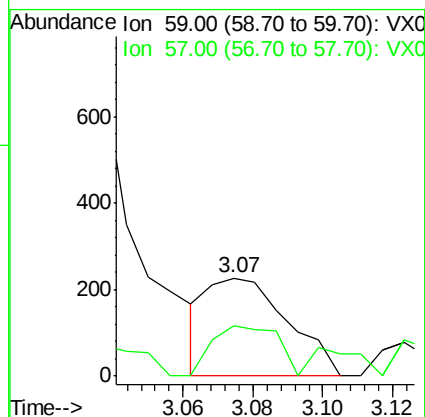
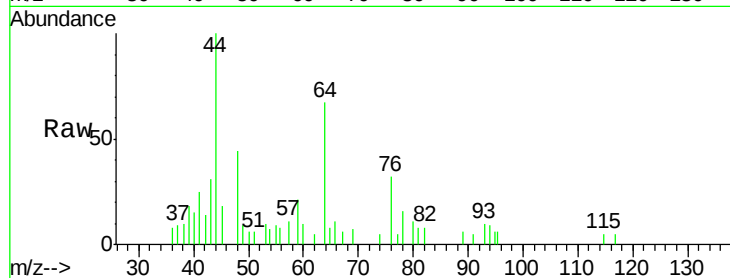
26KV-TP-7

Tot Ion: 59 Resp: 363

Ion Ratio Lower Upper

59 100

57 41.6 8.2 12.2#



#13

Acrolein

Concen: 7.23 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX002819.D

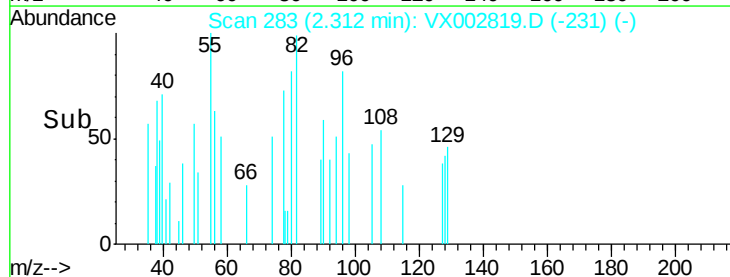
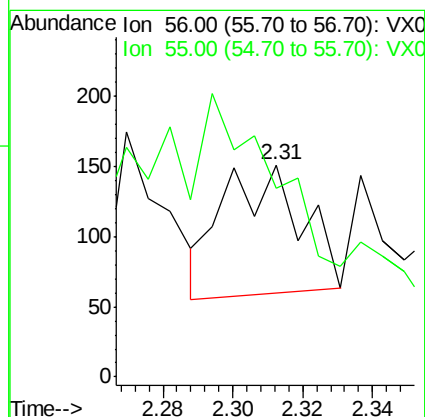
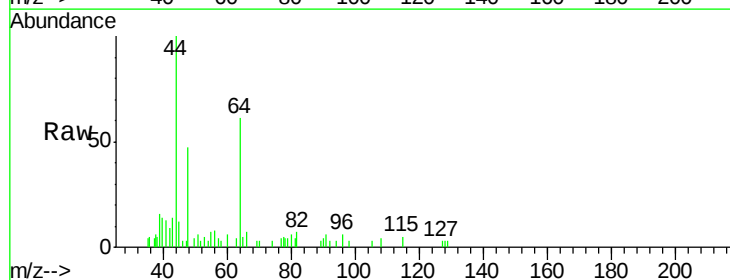
Acq: 22 Jun 2018 05:46

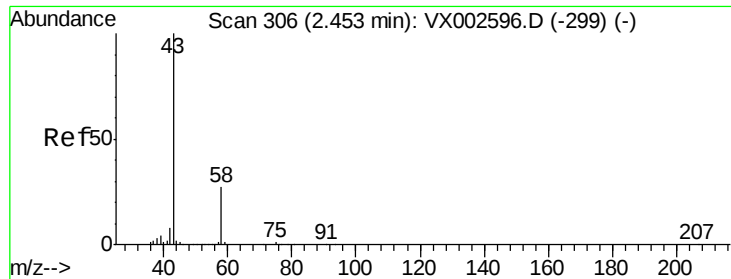
Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

55 183.2 57.0 85.4#





#16

Acetone

Concen: 8.45 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

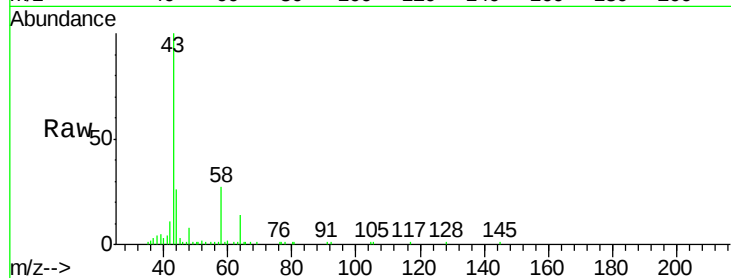
26KV-TP-7

Tot Ion: 43 Resp: 14439

Ion Ratio Lower Upper

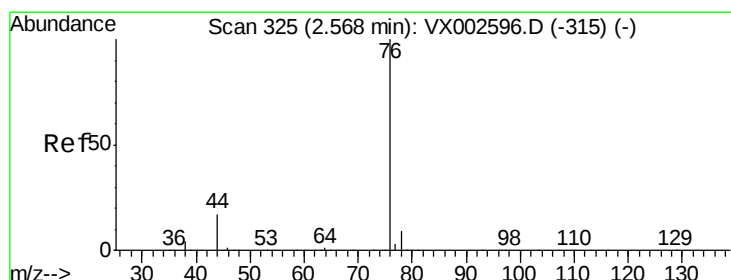
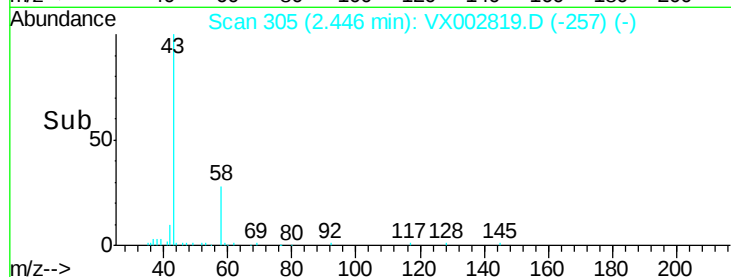
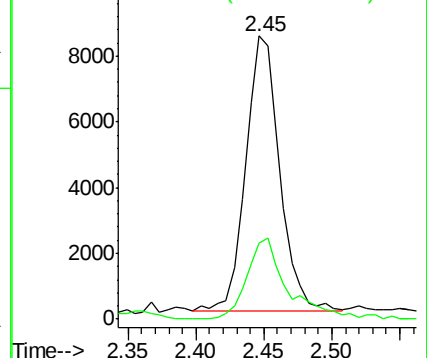
43 100

58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.70 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002819.D

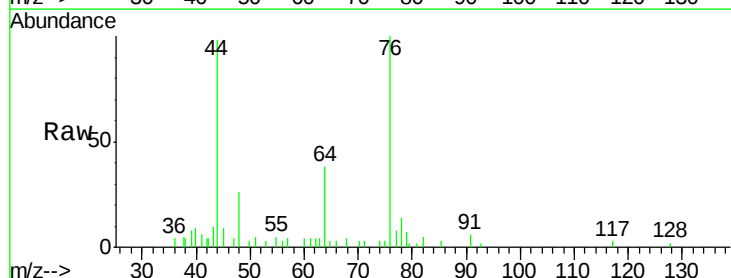
Acq: 22 Jun 2018 05:46

Tgt Ion: 76 Resp: 4757

Ion Ratio Lower Upper

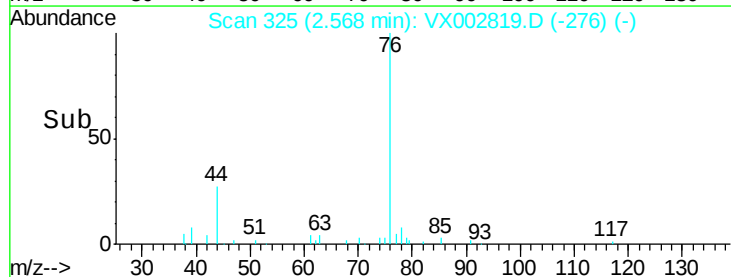
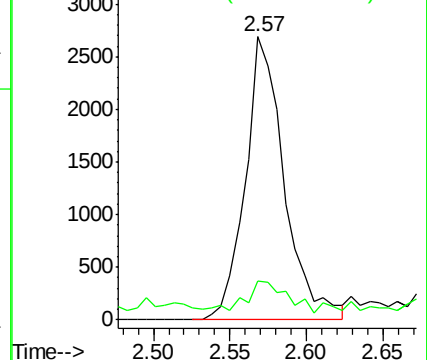
76 100

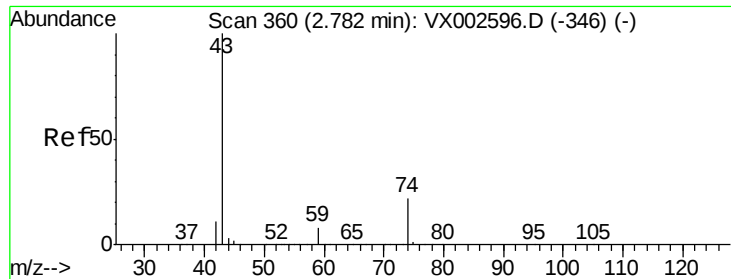
78 10.5 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

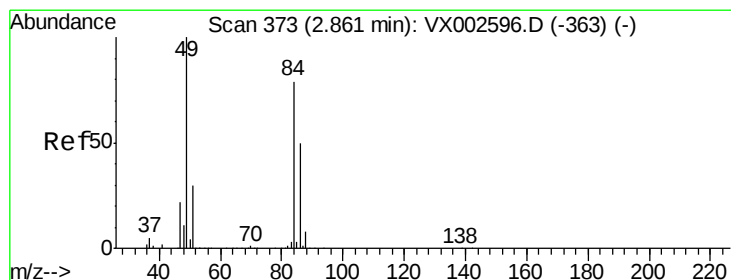
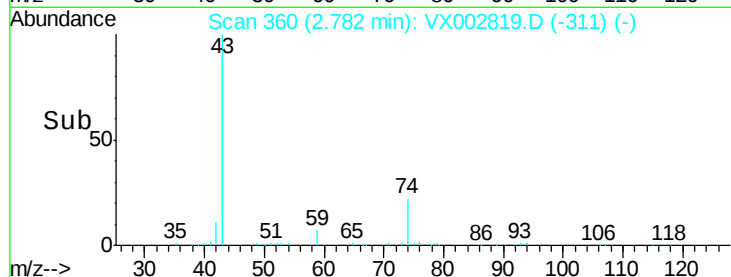
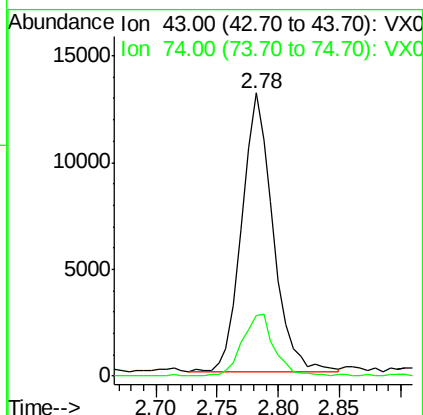
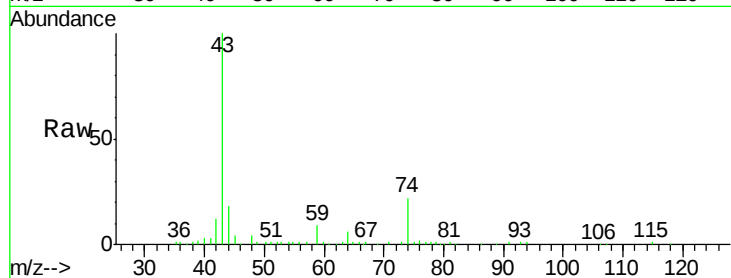




#18
Methyl Acetate
Concen: 5.11 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

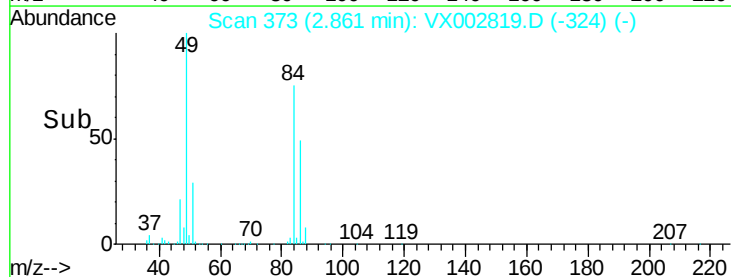
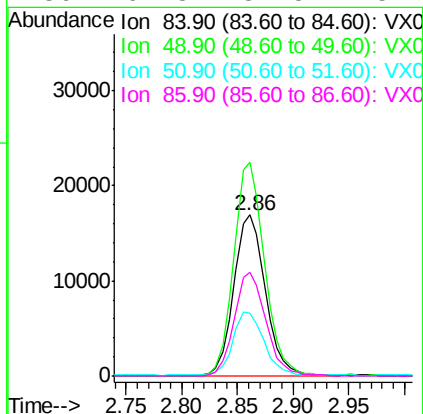
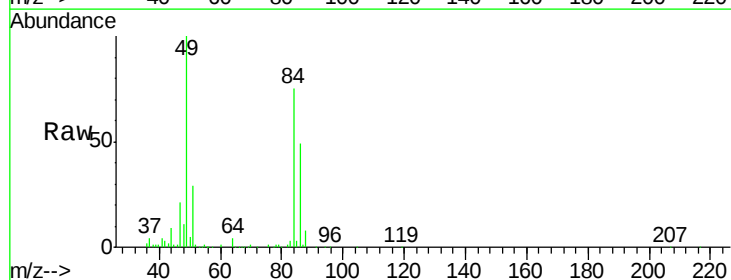
Instrument :
MSVOA_X
ClientSampled :
26KV-TP-7

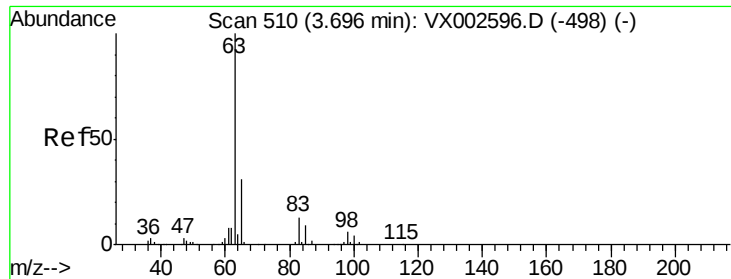
Tot Ion: 43 Resp: 23246
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1



#20
Methylene Chloride
Concen: 9.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion: 84 Resp: 33384
Ion Ratio Lower Upper
84 100
49 132.7 107.8 161.6
51 38.2 32.8 49.2
86 64.8 52.5 78.7





#24

1,1-Dichloroethane

Concen: 0.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-7

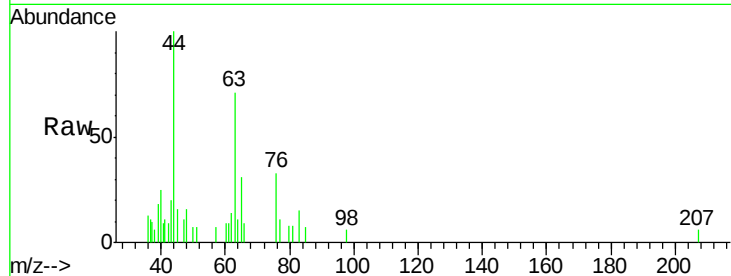
Tot Ion: 63 Resp: 1469

Ion Ratio Lower Upper

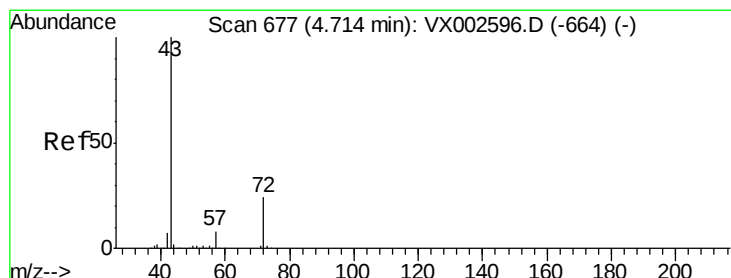
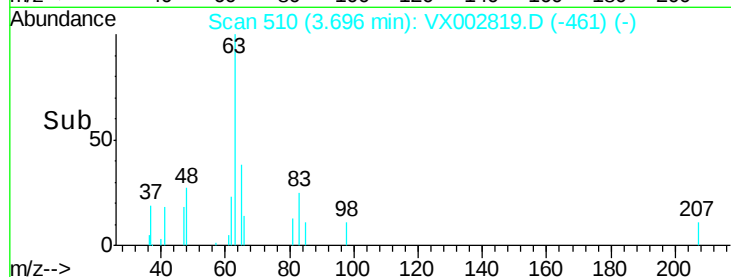
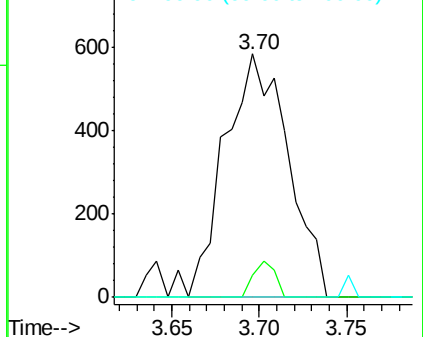
63 100

98 9.1 3.4 10.2

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 1.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002819.D

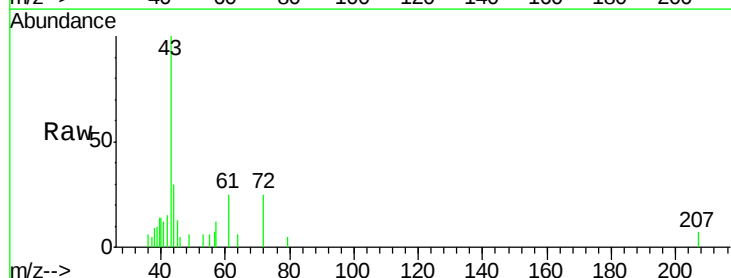
Acq: 22 Jun 2018 05:46

Tgt Ion: 43 Resp: 3229

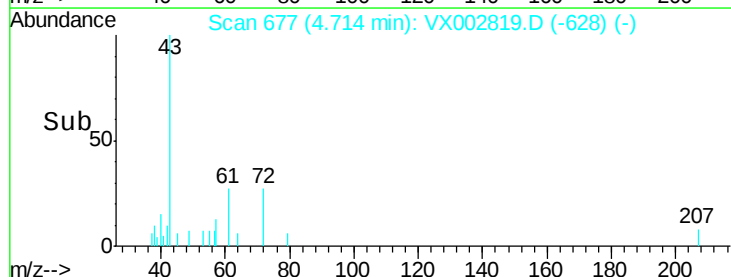
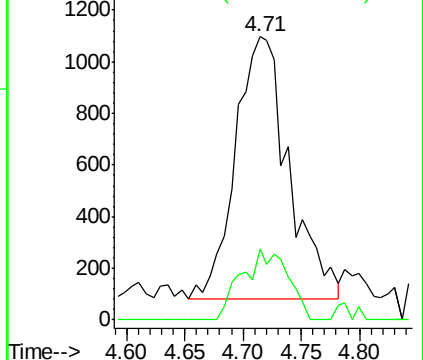
Ion Ratio Lower Upper

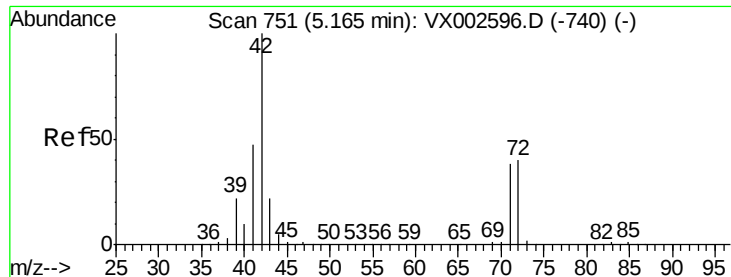
43 100

72 27.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

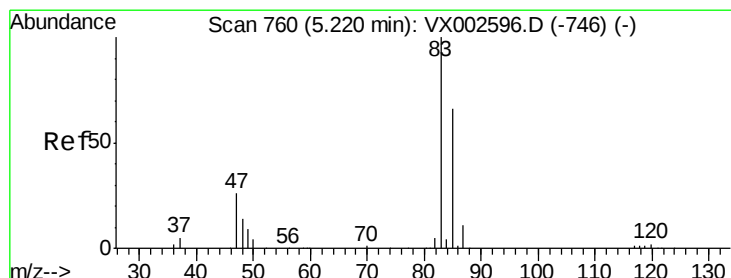
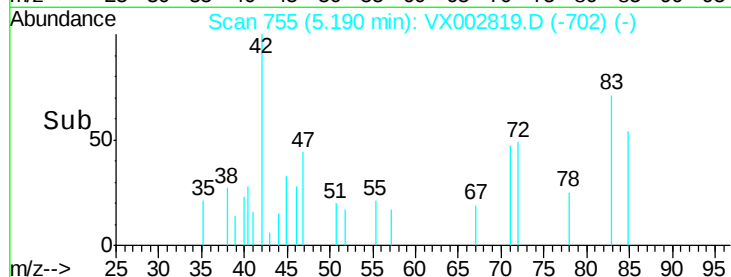
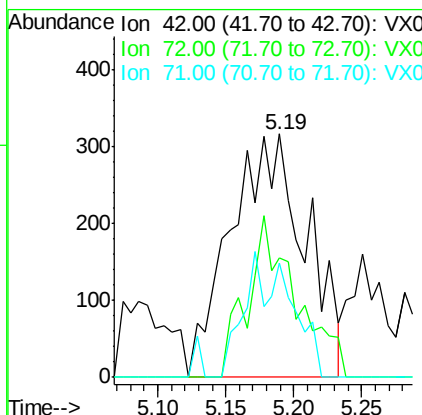
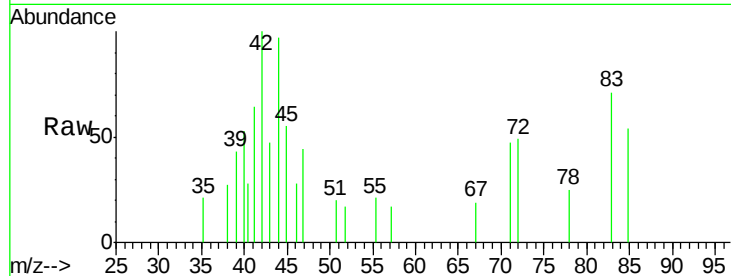




#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

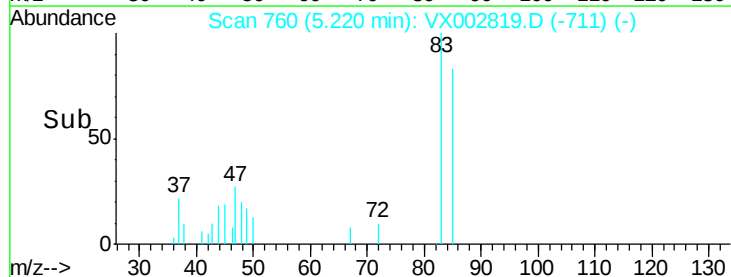
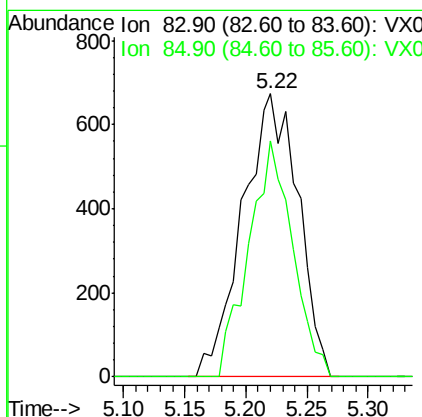
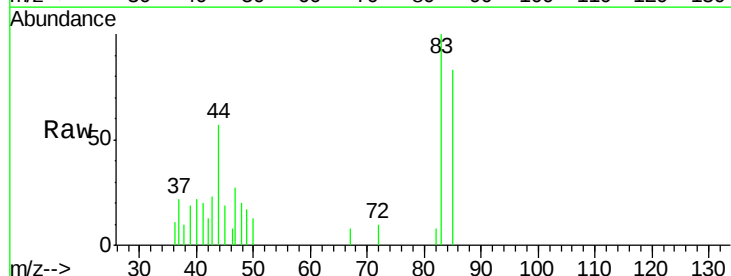
Instrument :
MSVOA_X
ClientSampled :
26KV-TP-7

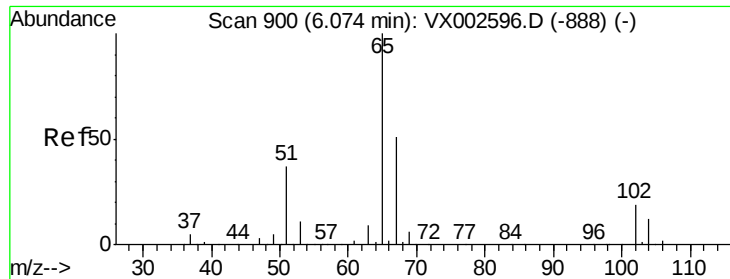
Tot Ion: 42 Resp: 1215
Ion Ratio Lower Upper
42 100
72 43.1 32.0 48.0
71 17.4 30.1 45.1#



#30
Chloroform
Concen: 0.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion: 83 Resp: 2127
Ion Ratio Lower Upper
83 100
85 83.2 50.4 75.6#





#33

1,2-Dichloroethane-d4

Concen: 44.10 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

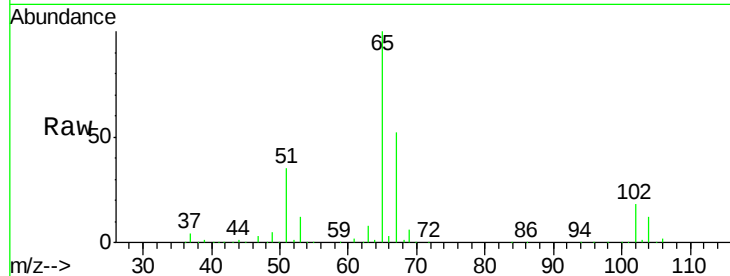
26KV-TP-7

Tot Ion: 65 Resp: 170718

Ion Ratio Lower Upper

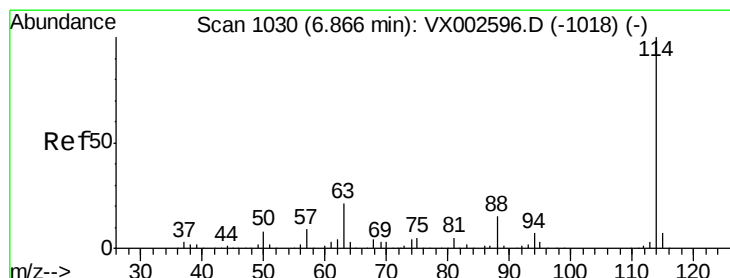
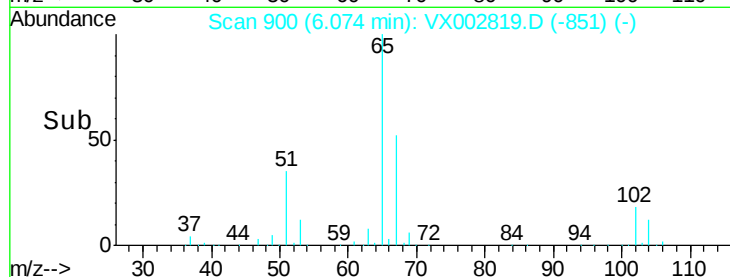
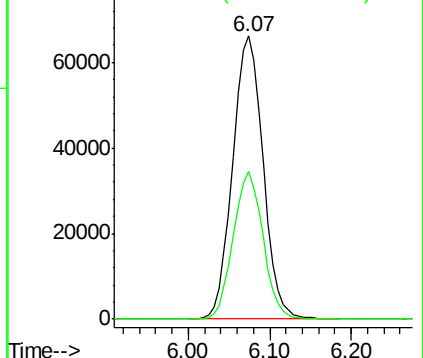
65 100

67 50.8 0.0 102.6



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# 1030

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

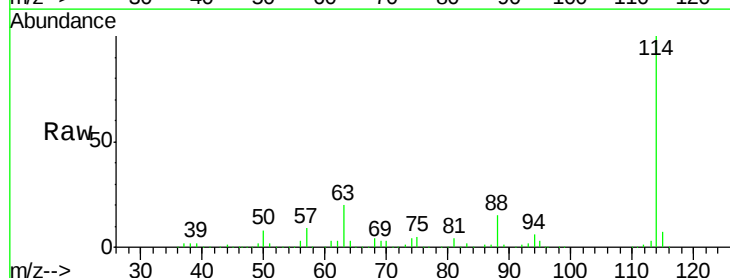
Tgt Ion: 114 Resp: 356621

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

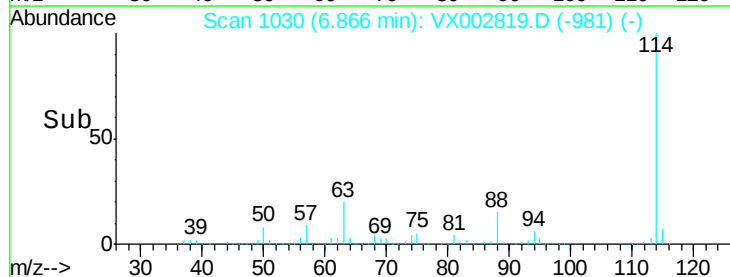
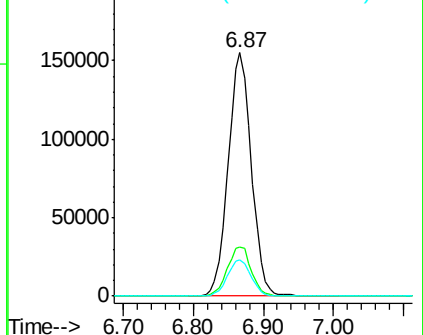
88 14.8 0.0 30.0

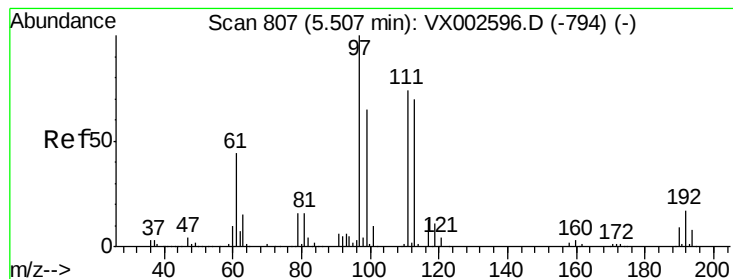


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-7

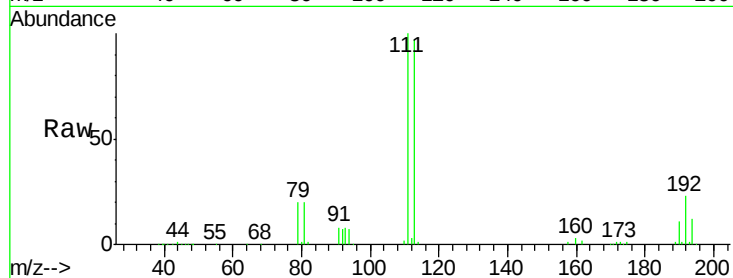
Tot Ion:113 Resp: 135194

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

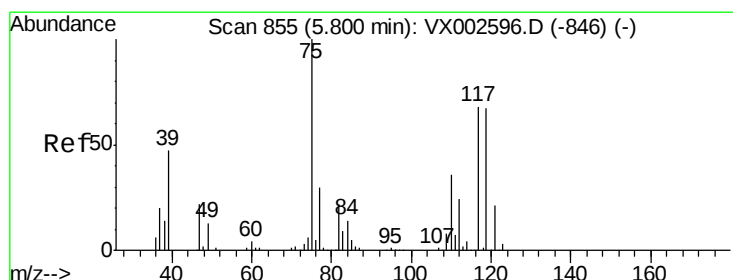
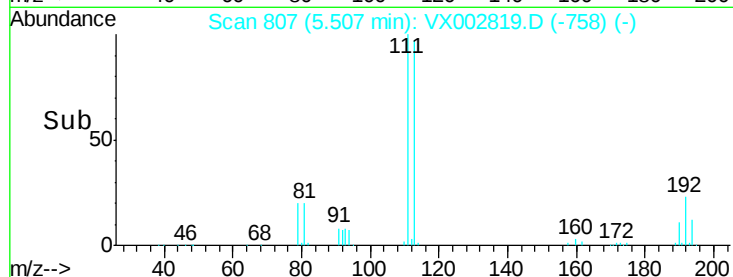
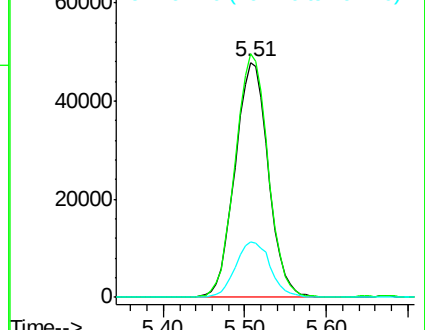
192 24.7 19.1 28.7



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: 4.56 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

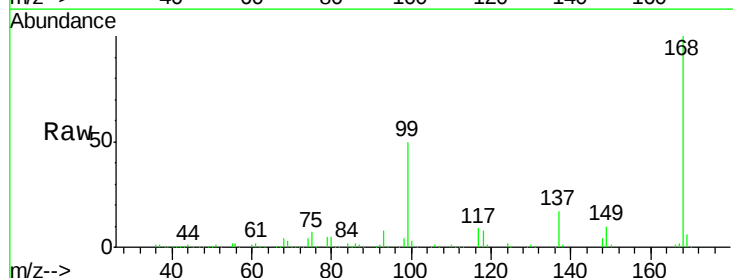
Tgt Ion: 75 Resp: 17277

Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

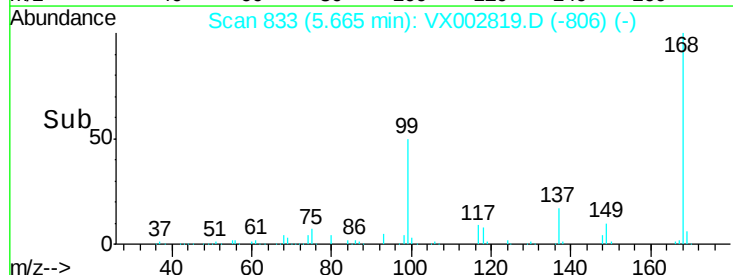
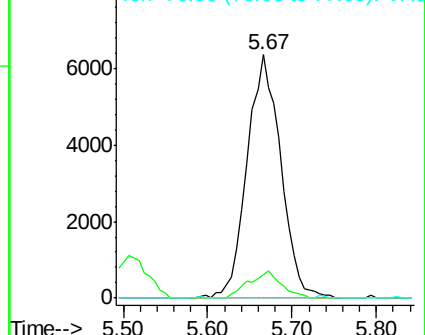
77 0.0 24.3 36.5#

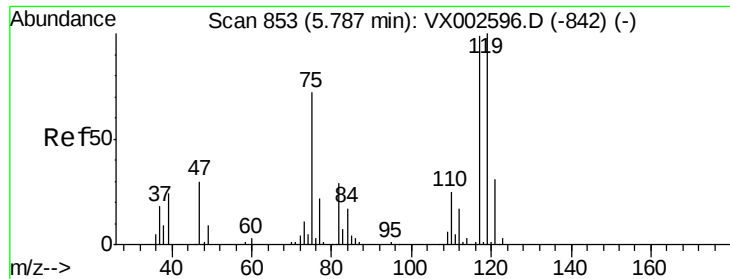


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

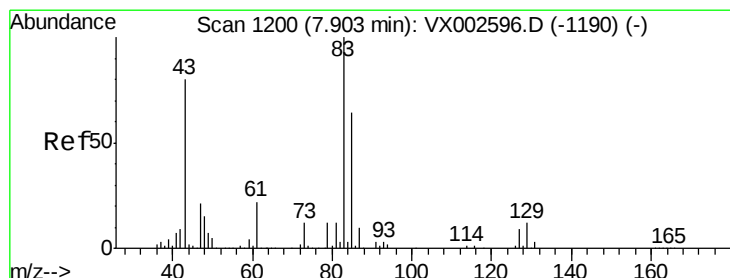
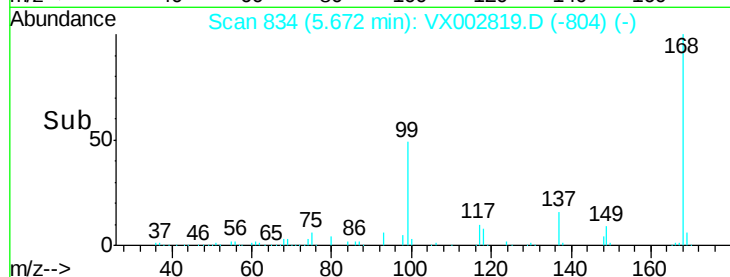
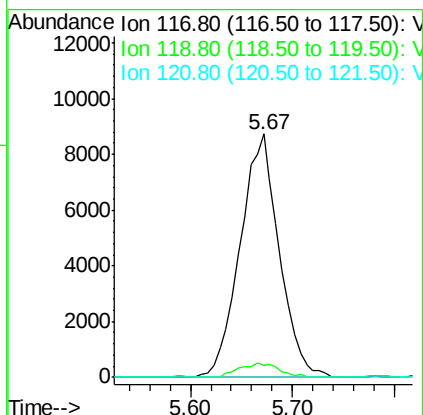
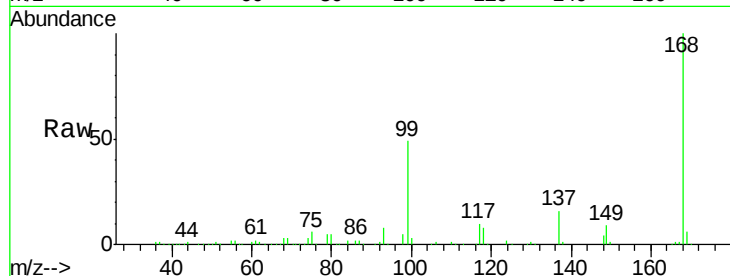




#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

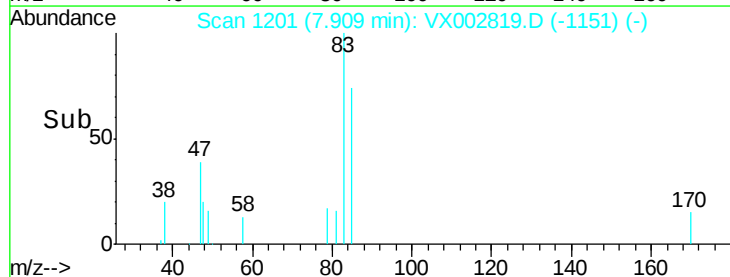
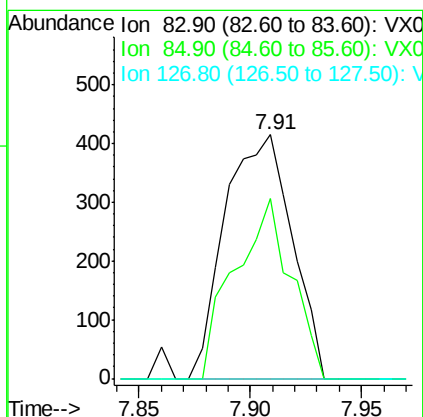
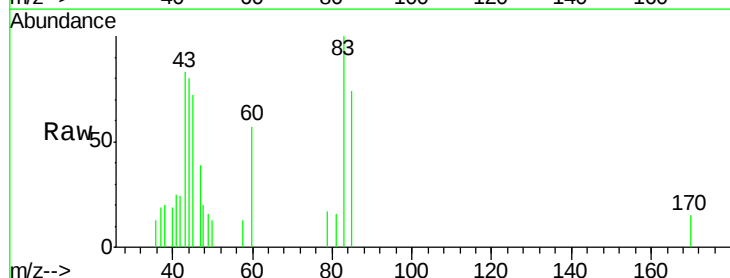
Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-7

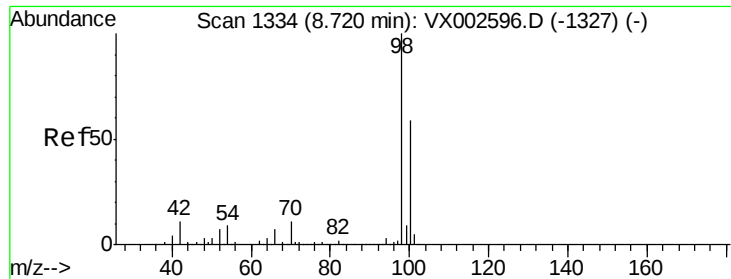
Tot Ion:117 Resp: 23138
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.4 36.6#



#47
Bromodichloromethane
Concen: 0.25 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion: 83 Resp: 866
Ion Ratio Lower Upper
83 100
85 73.7 50.3 75.5
127 0.0 7.0 10.4#

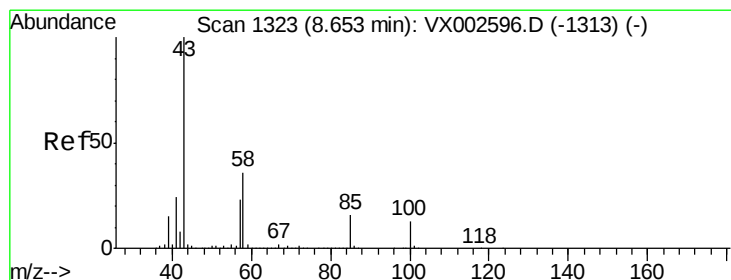
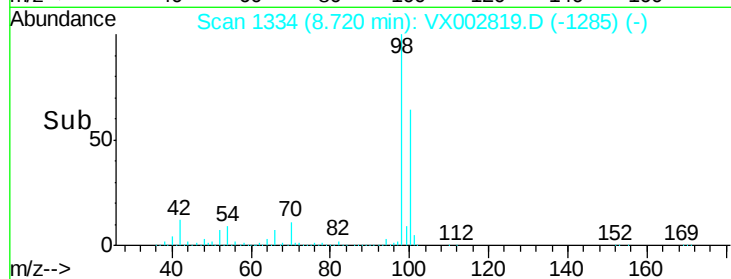
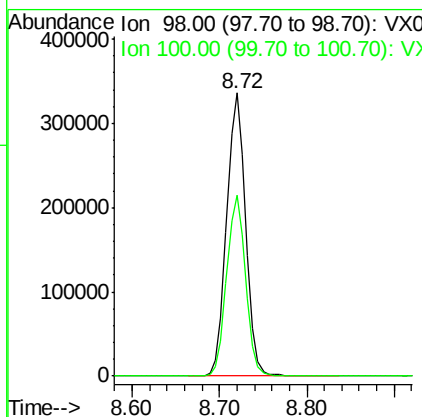
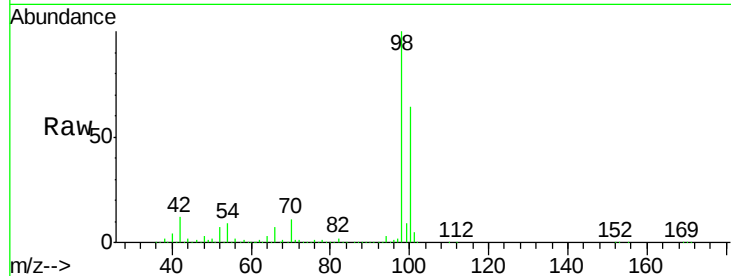




#50
Toluene-d8
Concen: 46.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

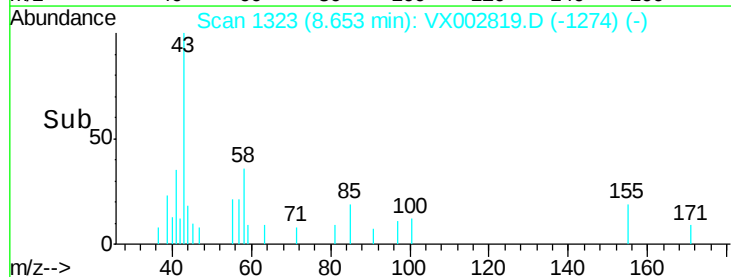
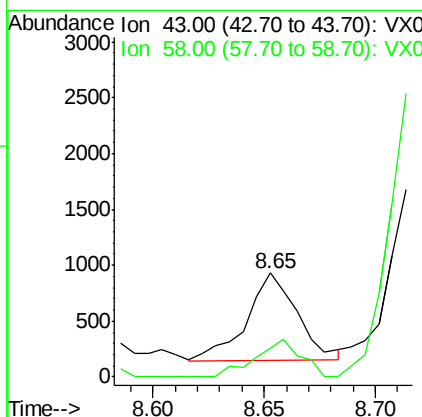
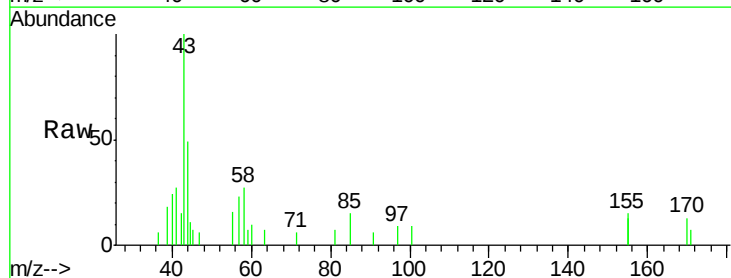
Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-7

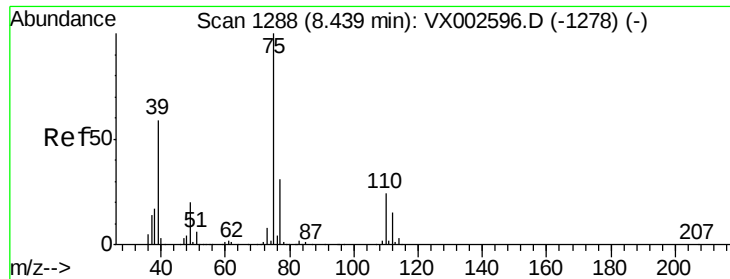
Tot Ion: 98 Resp: 507150
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 38.1 28.6 42.8





#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampled :

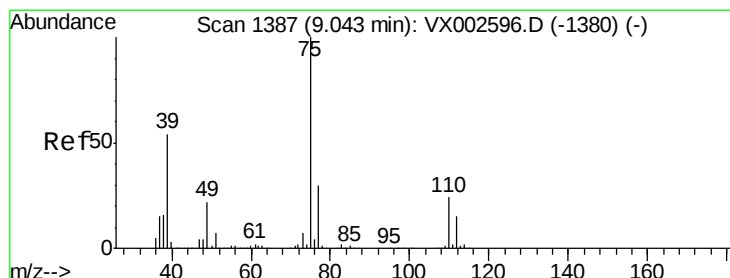
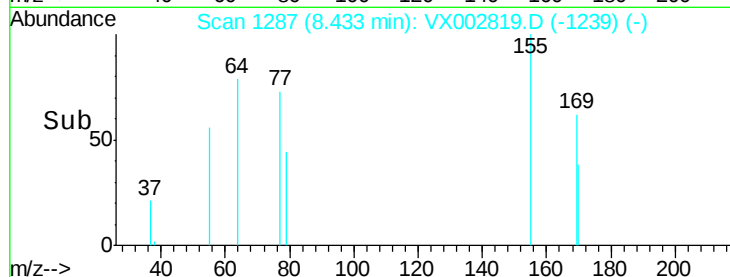
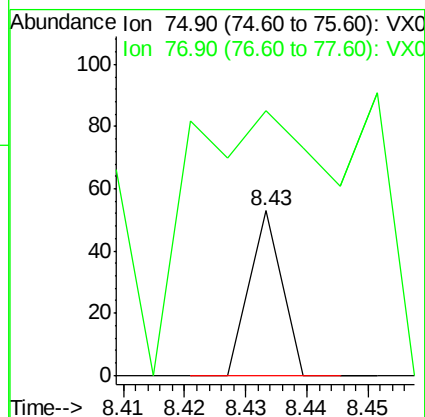
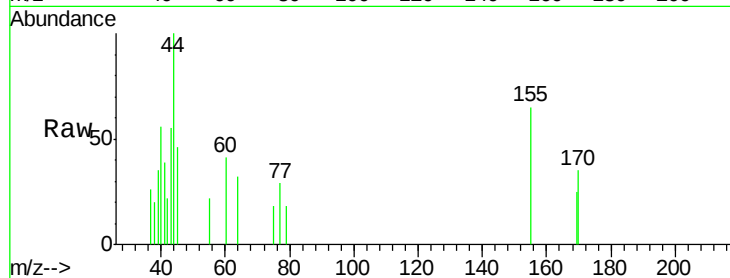
26KV-TP-7

Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 45.3 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.22 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

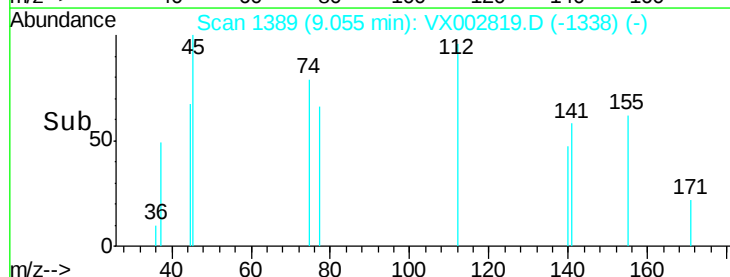
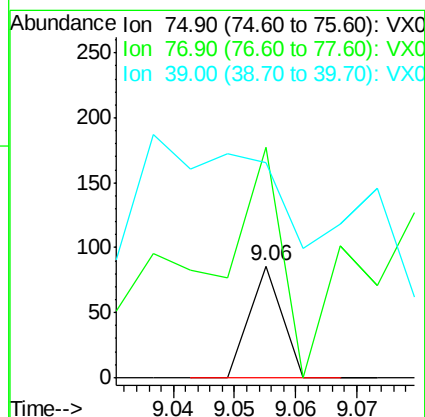
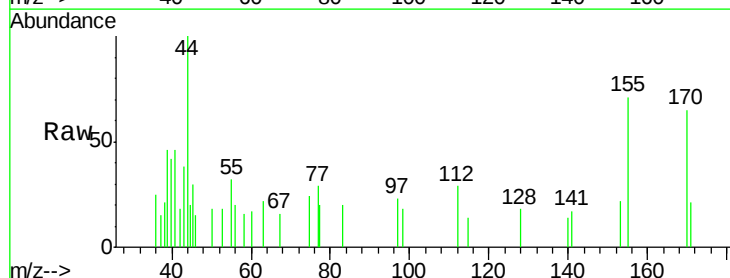
Tgt Ion: 75 Resp: 31

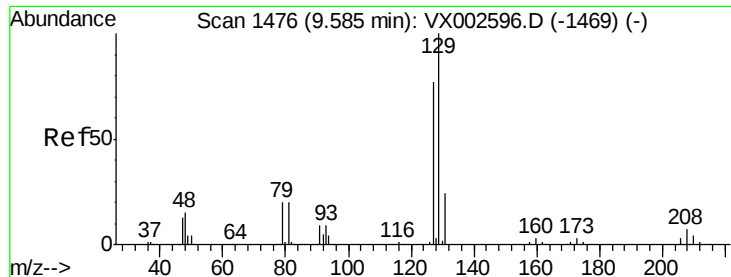
Ion Ratio Lower Upper

75 100

77 109.3 24.8 37.2#

39 54.7 42.4 63.6





#60

Dibromochloromethane

Concen: 3.85 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

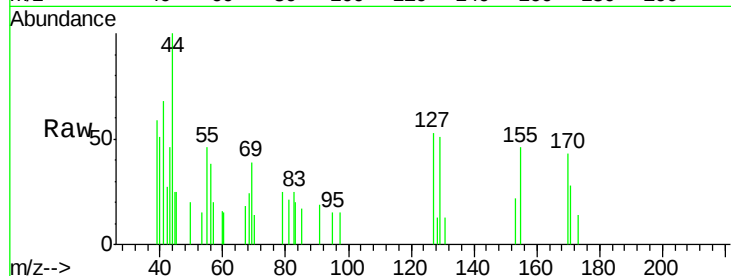
26KV-TP-7

Tot Ion:129 Resp: 334

Ion Ratio Lower Upper

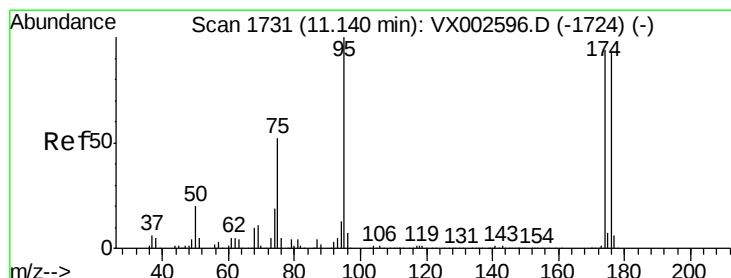
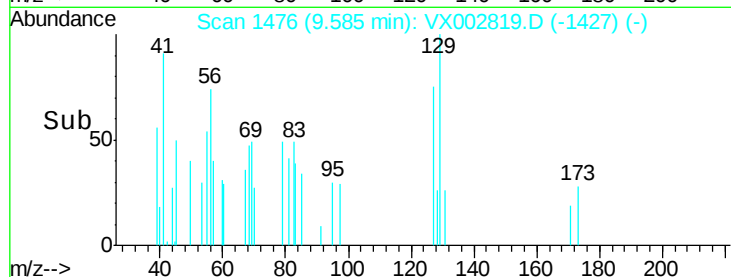
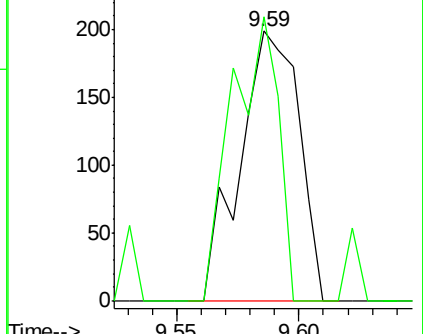
129 100

127 83.2 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

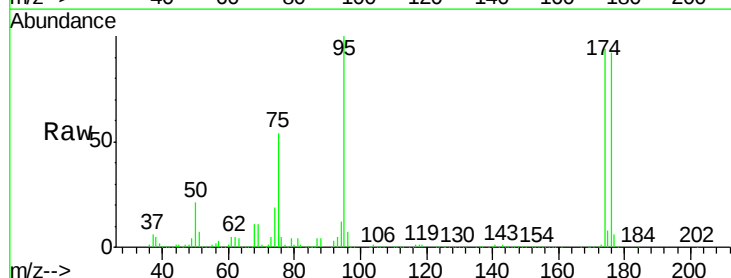
Tgt Ion: 95 Resp: 189384

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

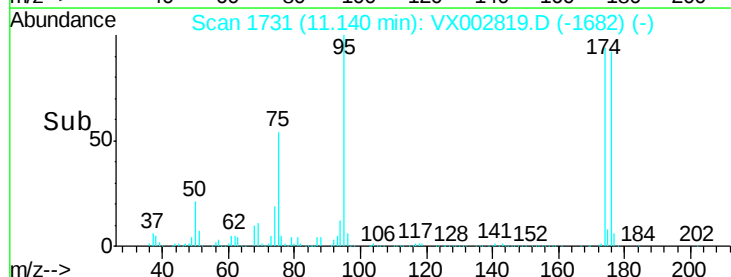
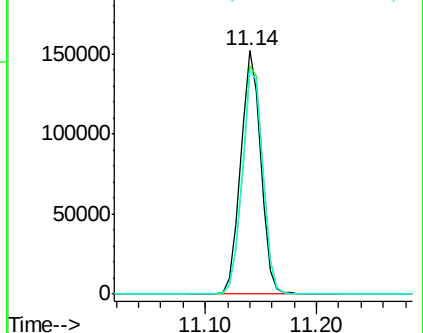
176 93.6 0.0 181.0

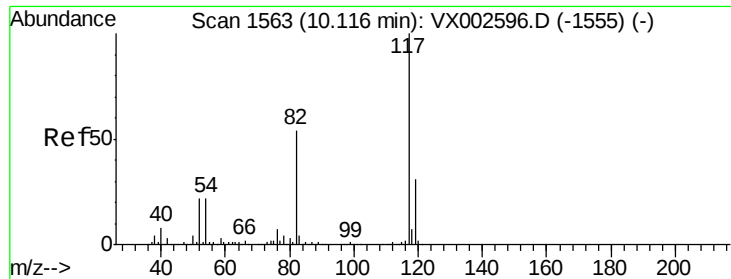


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

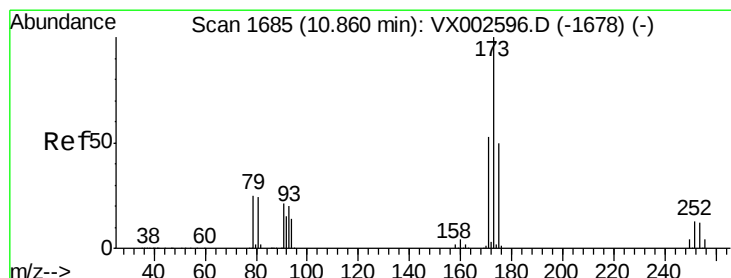
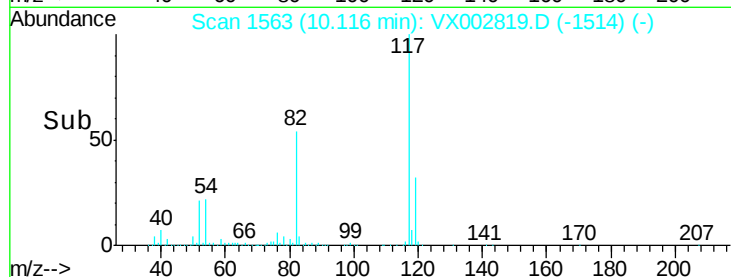
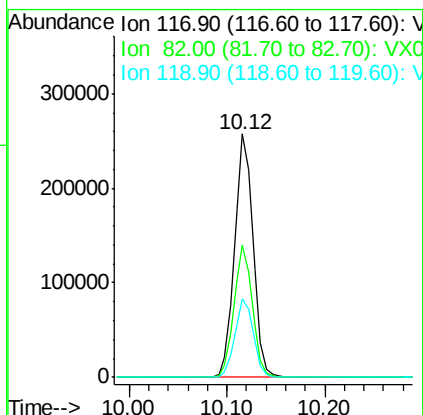
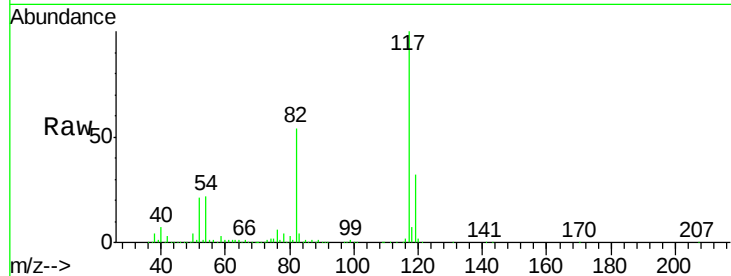




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

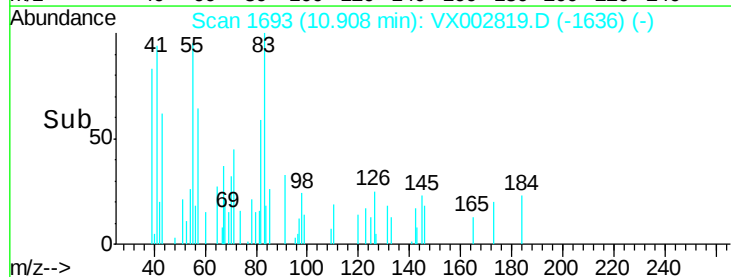
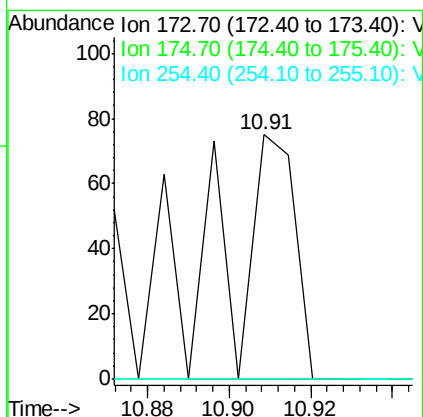
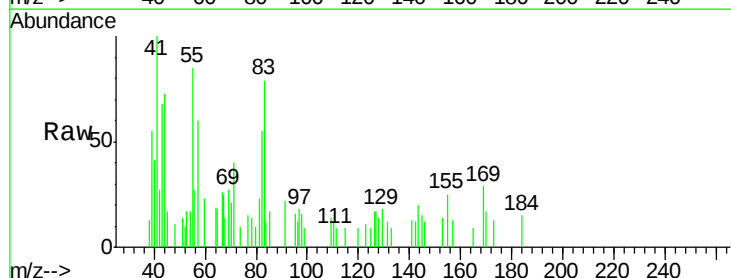
Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-7

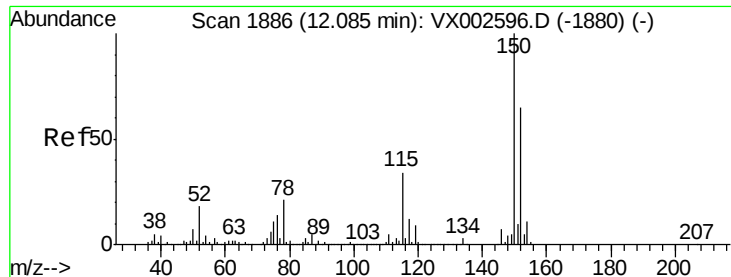
Tot Ion:117 Resp: 338432
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.2 25.8 38.6



#71
Bromoform
Concen: 4.87 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion:173 Resp: 79
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-7

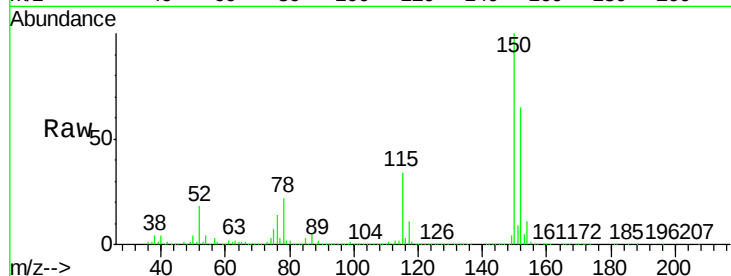
Tot Ion:152 Resp: 201477

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

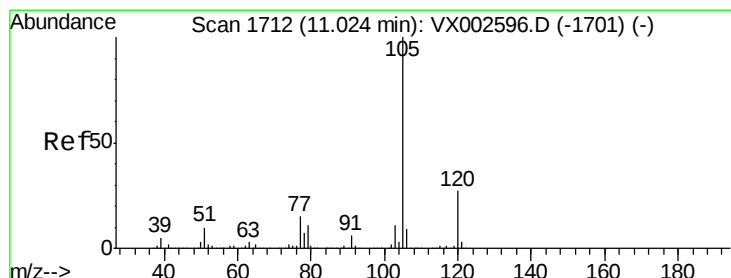
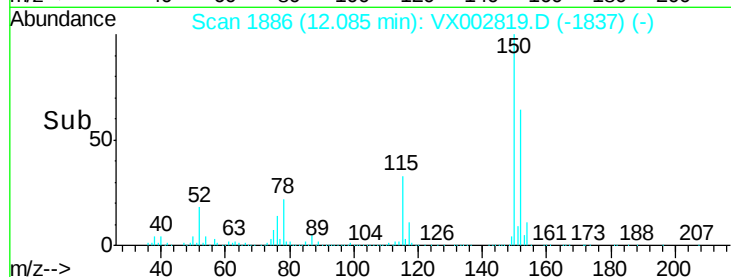
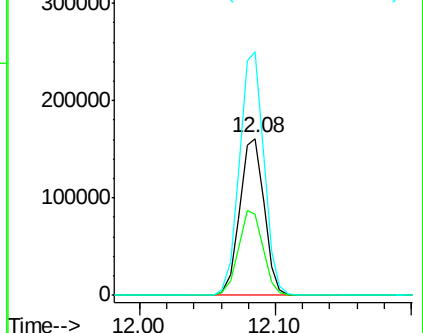
150 155.5 0.0 347.2



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: 0.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002819.D

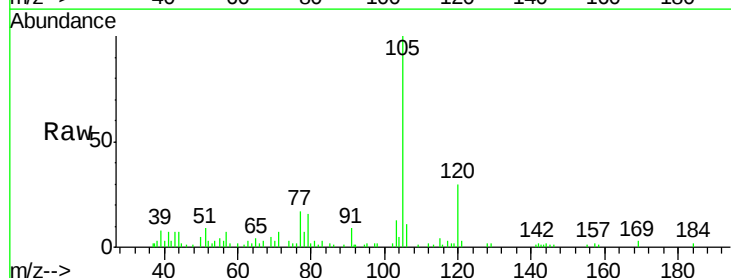
Acq: 22 Jun 2018 05:46

Tgt Ion:105 Resp: 7568

Ion Ratio Lower Upper

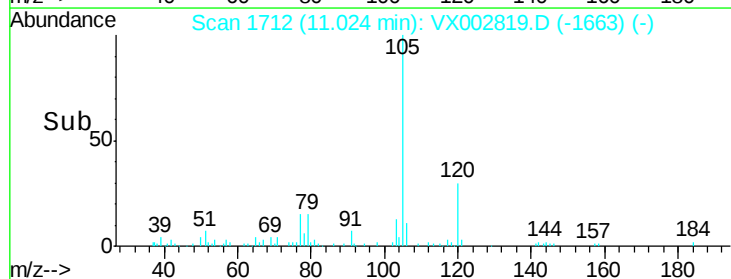
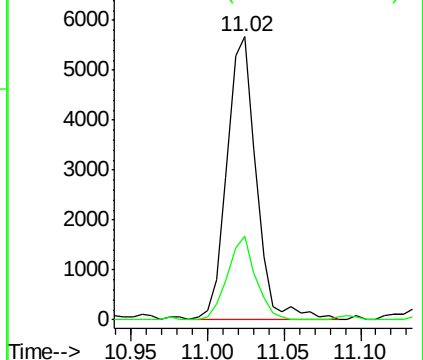
105 100

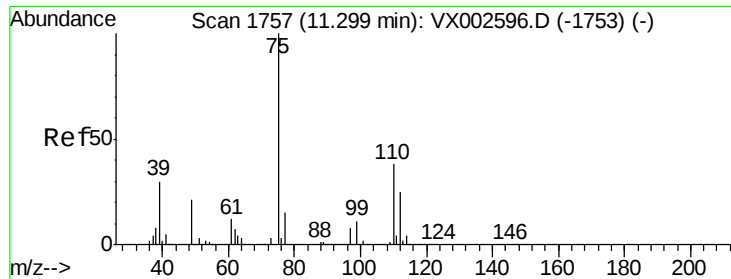
120 28.5 13.5 40.4



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: 26.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

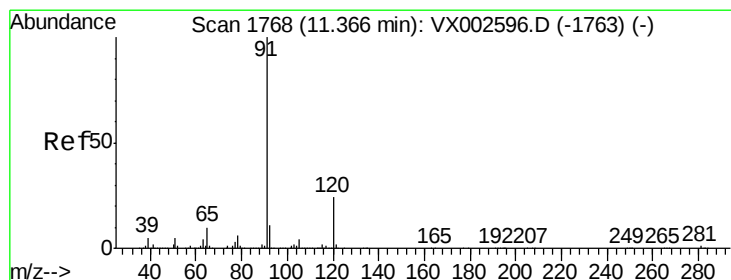
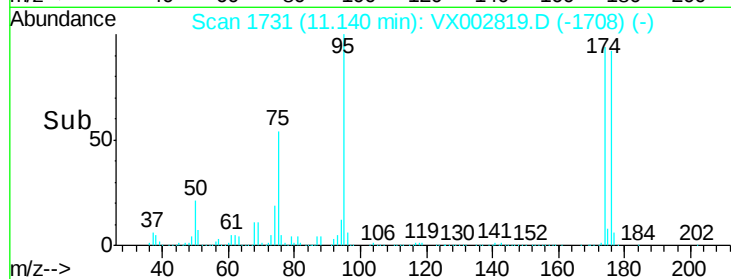
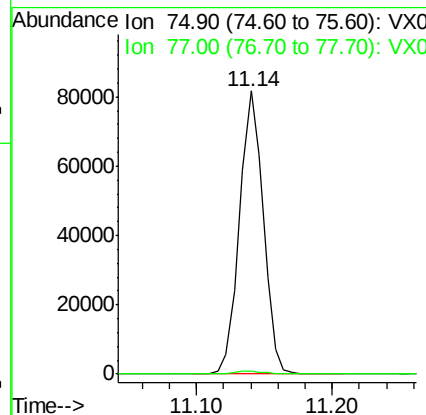
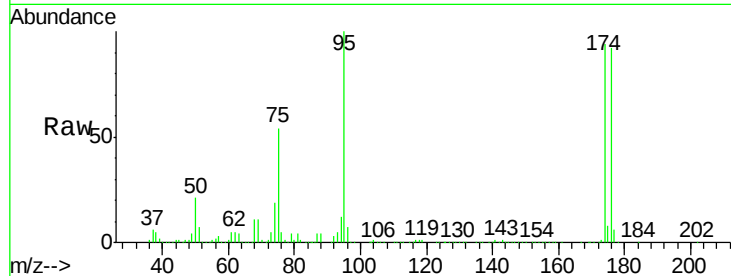
26KV-TP-7

Tot Ion: 75 Resp: 99579

Ion Ratio Lower Upper

75 100

77 1.6 22.8 68.3#



#78

n-propylbenzene

Concen: 0.76 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002819.D

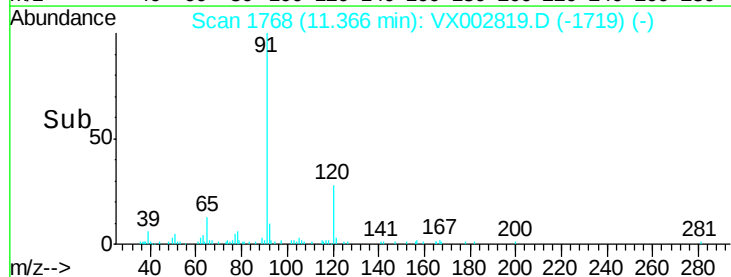
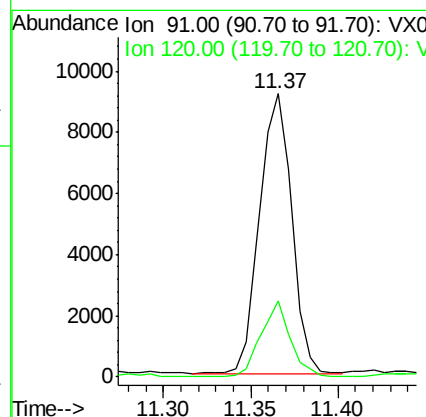
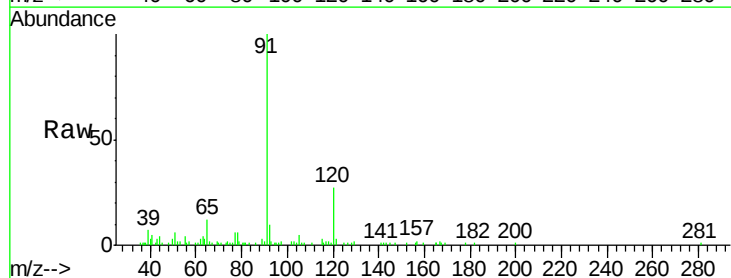
Acq: 22 Jun 2018 05:46

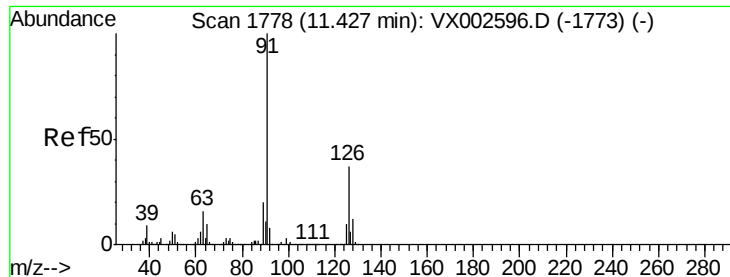
Tgt Ion: 91 Resp: 11702

Ion Ratio Lower Upper

91 100

120 24.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 1.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

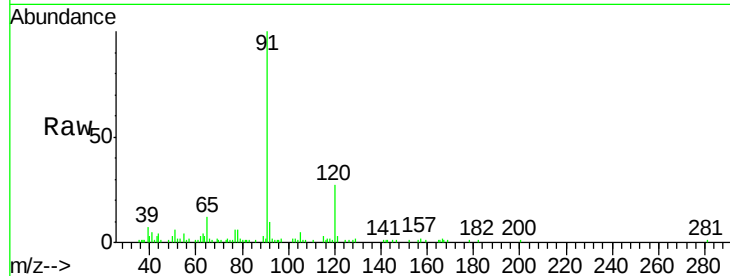
26KV-TP-7

Tot Ion: 91 Resp: 11702

Ion Ratio Lower Upper

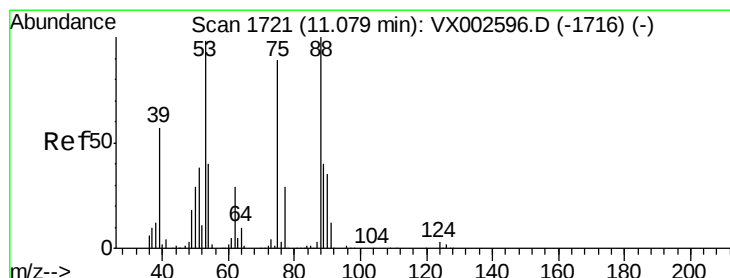
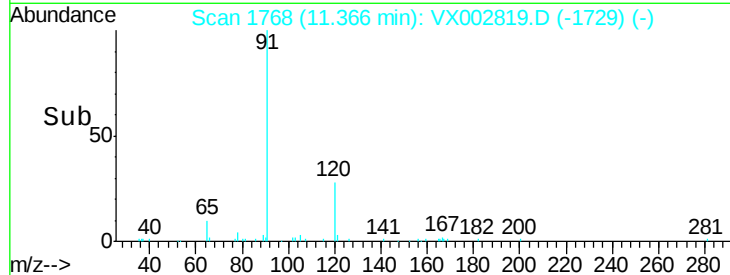
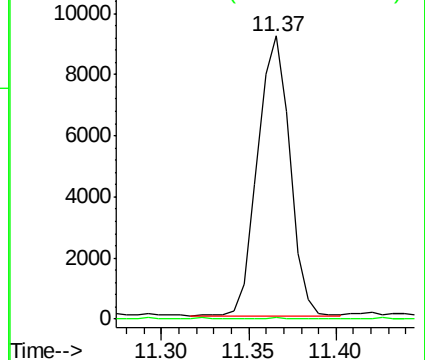
91 100

126 0.2 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 80.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

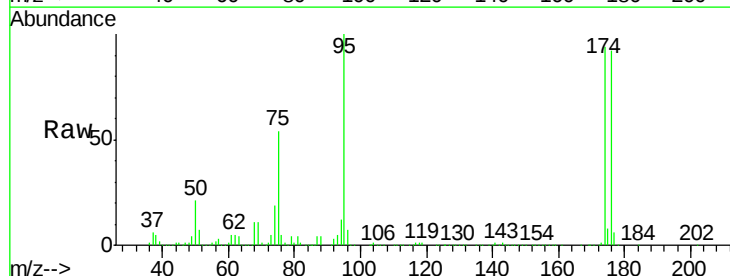
Tgt Ion: 75 Resp: 99579

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

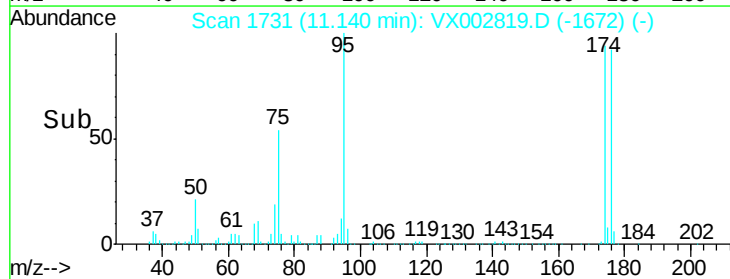
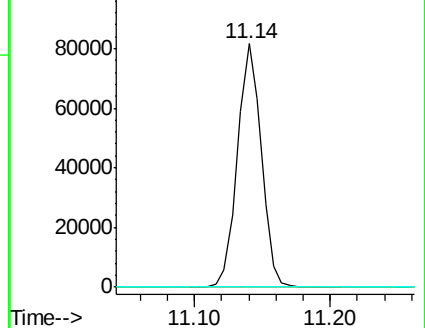
89 0.0 38.2 57.2#

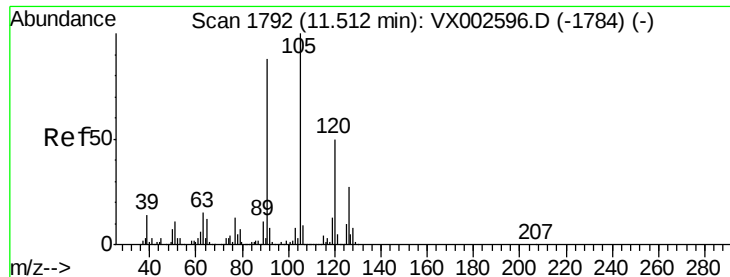


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 1.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

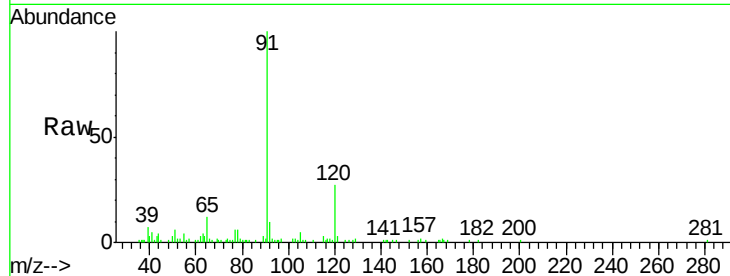
26KV-TP-7

Tot Ion: 91 Resp: 11702

Ion Ratio Lower Upper

91 100

126 0.2 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX002819.D (-1743) (-)

Ion 125.90 (125.60 to 126.60): VX002819.D (-1743) (-)

11.37

10000

8000

6000

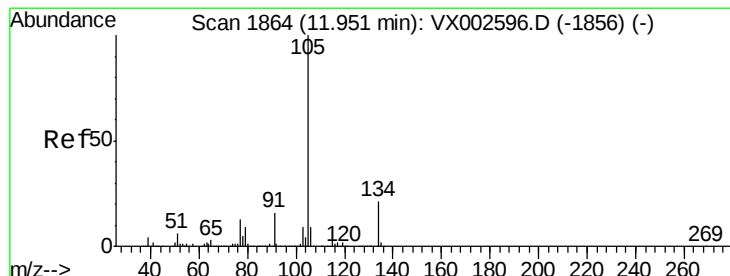
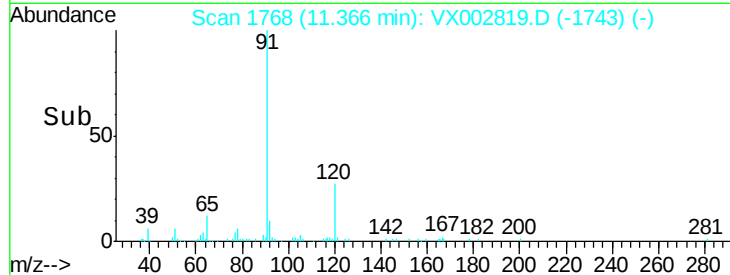
4000

2000

0

11.30 11.35 11.40

Time-->



#85

sec-Butylbenzene

Concen: 0.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002819.D

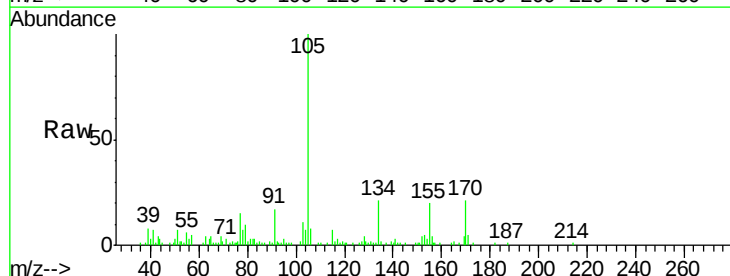
Acq: 22 Jun 2018 05:46

Tgt Ion: 105 Resp: 11496

Ion Ratio Lower Upper

105 100

134 29.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): VX002819.D (-1815) (-)

Ion 134.00 (133.70 to 134.70): VX002819.D (-1815) (-)

11.95

10000

8000

6000

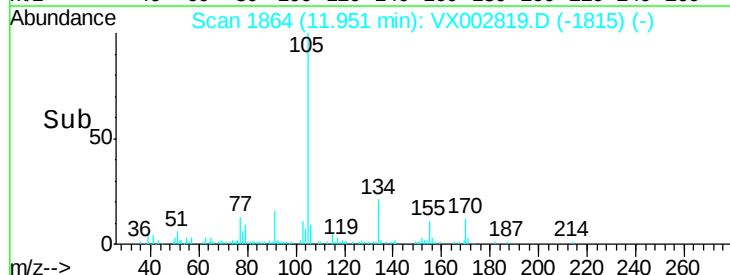
4000

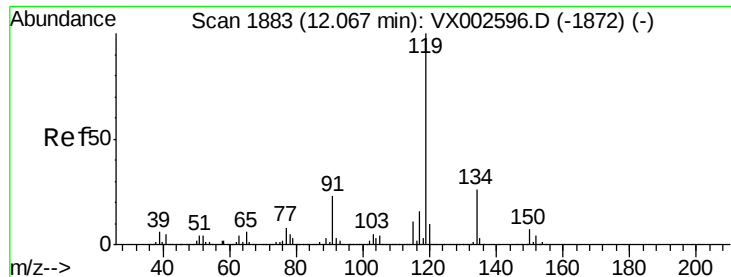
2000

0

11.90 12.00

Time-->

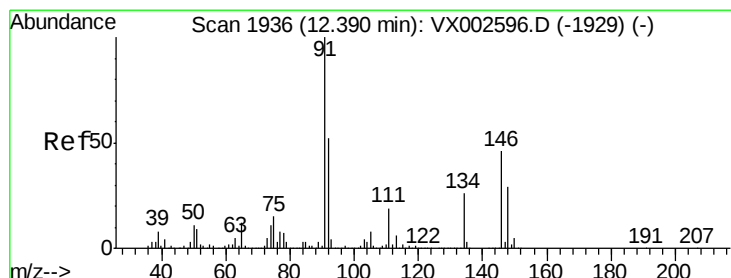
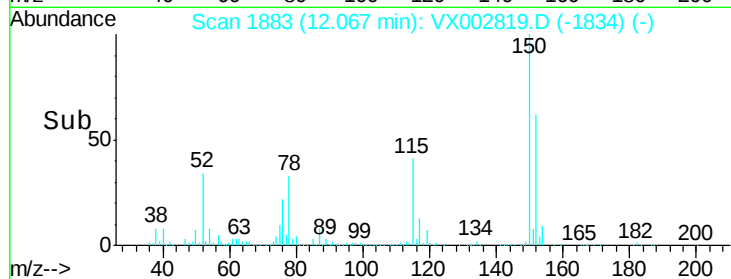
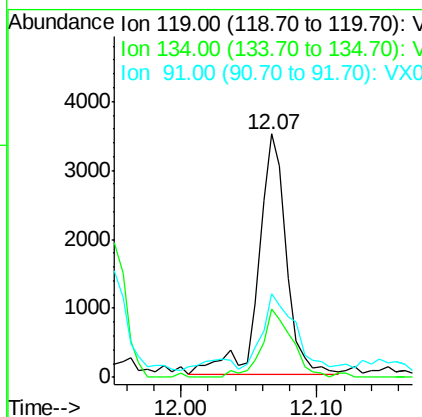
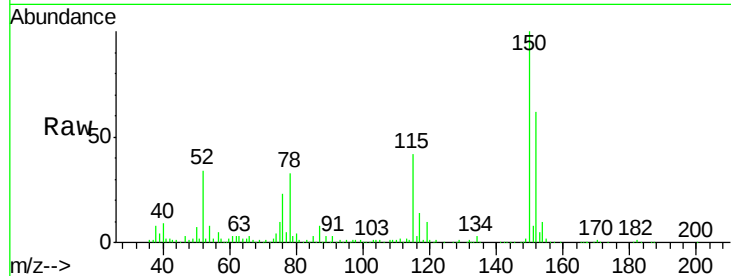




#86
p-Isopropyltoluene
Concen: 0.41 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

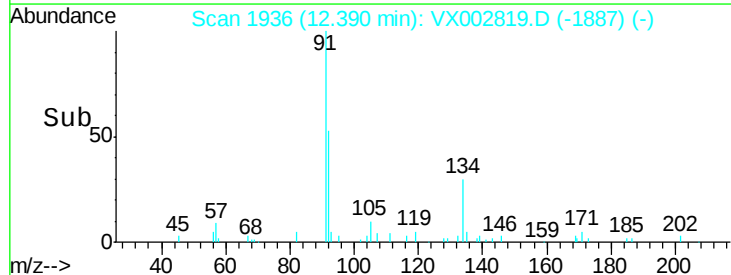
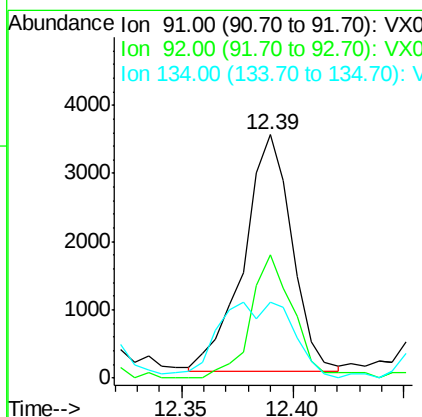
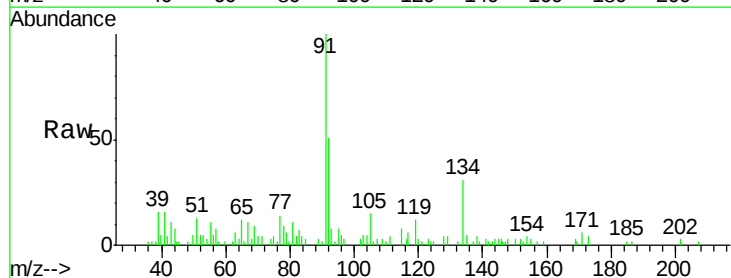
Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-7

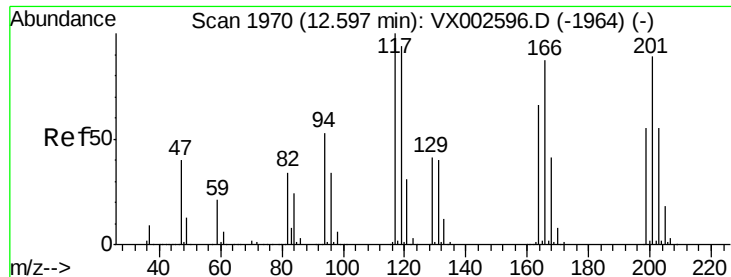
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.4	40.1
91	35.5	11.9	35.7



#89
n-Butylbenzene
Concen: 0.48 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002819.D
Acq: 22 Jun 2018 05:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.5	26.0	78.0
134	49.7	13.5	40.5





#90

Hexachloroethane

Concen: 4.67 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

Instrument :

MSVOA_X

ClientSampleId :

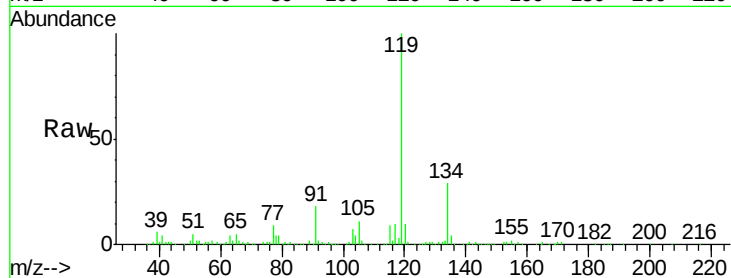
26KV-TP-7

Tot Ion:117 Resp: 4153

Ion Ratio Lower Upper

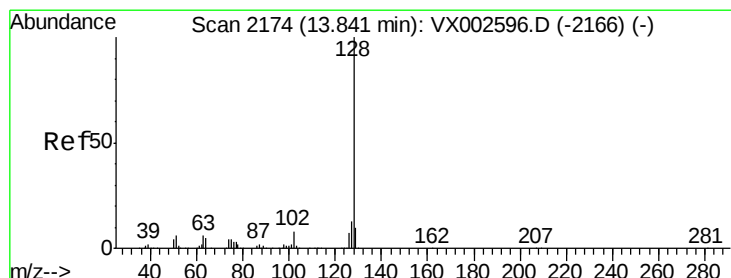
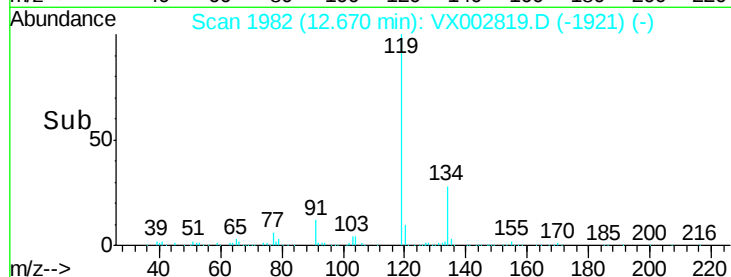
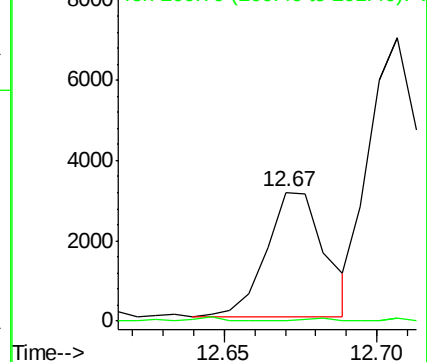
117 100

201 1.3 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.74 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002819.D

Acq: 22 Jun 2018 05:46

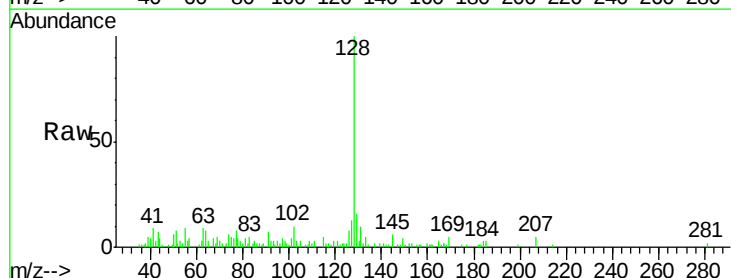
Tgt Ion:128 Resp: 10022

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 12.9 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

