

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003271.D
 Acq On : 10 Jul 2018 03:37
 Operator : JC/MD
 Sample : J3901-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Quant Time: Jul 10 04:05:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189644	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	161688	40.78	ug/l	0.00
Spiked Amount			Recovery	=	81.56%	
35) Dibromofluoromethane	5.51	113	139764	37.20	ug/l	0.00
Spiked Amount			Recovery	=	74.40%	
50) Toluene-d8	8.72	98	493802	37.00	ug/l	0.00
Spiked Amount			Recovery	=	74.00%	
62) 4-Bromofluorobenzene	11.14	95	172547	34.99	ug/l	0.00
Spiked Amount			Recovery	=	69.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92	0.02	ug/l #	43
3) Chloromethane	1.32	50	782	0.22	ug/l #	72
4) Vinyl Chloride	1.40	62	80	0.02	ug/l #	80
5) Bromomethane	1.67	94	1946	Below Cal	#	78
6) Chloroethane	1.56	64	418	0.21	ug/l #	43
7) Trichlorofluoromethane	1.93	101	67	0.01	ug/l #	17
8) Diethyl Ether	2.18	74	88	0.05	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156	0.05	ug/l #	87
10) Methyl Iodide	2.52	142	1843	6.13	ug/l #	92
11) Tert butyl alcohol	3.08	59	787	1.09	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	45	0.02	ug/l #	63
13) Acrolein	2.29	56	611	1.05	ug/l	93
14) Allyl chloride	2.78	41	402	0.08	ug/l #	79
15) Acrylonitrile	3.14	53	149	0.09	ug/l #	62
16) Acetone	2.45	43	27678	19.66	ug/l	93
17) Carbon Disulfide	2.57	76	1718	0.22	ug/l #	94
18) Methyl Acetate	2.78	43	22118	5.57	ug/l	96
19) Methyl tert-butyl Ether	3.14	73	20	0.00	ug/l #	1
20) Methylene Chloride	2.86	84	250140	87.25	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	85	0.03	ug/l #	38
22) Diisopropyl ether	3.89	45	201	0.02	ug/l #	35
23) Vinyl Acetate	3.82	43	339	0.04	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	74	0.01	ug/l #	83
25) 2-Butanone	4.71	43	7290	2.93	ug/l	96
26) 2,2-Dichloropropane	4.59	77	135	0.03	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	655	0.18	ug/l #	7
28) Bromochloromethane	5.02	49	33	0.01	ug/l #	1
29) Tetrahydrofuran	5.18	42	2096	1.30	ug/l	97
30) Chloroform	5.21	83	4996	0.82	ug/l #	82
31) Cyclohexane	5.59	56	140	0.03	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	1027	0.19	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	16007	3.23	ug/l #	51
37) Ethyl Acetate	4.71	43	7290	1.34	ug/l #	70
38) Carbon Tetrachloride	5.67	117	22128	4.09	ug/l #	15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	354	0.06	ug/l #	94
40) Benzene	6.14	78	9803	0.67	ug/l	95
41) Methacrylonitrile	5.09	41	91	0.03	ug/l #	39
42) 1,2-Dichloroethane	6.21	62	41	0.01	ug/l #	77
43) Isopropyl Acetate	6.49	43	616	0.07	ug/l #	63
44) Trichloroethene	7.22	130	22830	5.26	ug/l	99
45) 1,2-Dichloropropane	7.52	63	19	0.00	ug/l #	44
46) Dibromomethane	7.73	93	22	0.01	ug/l #	1
47) Bromodichloromethane	7.90	83	1506	0.31	ug/l #	93
48) Methyl methacrylate	7.68	41	1522	0.35	ug/l #	28
51) 4-Methyl-2-Pentanone	8.66	43	1766	0.33	ug/l	93
52) Toluene	8.79	92	3421	0.37	ug/l	90
53) t-1,3-Dichloropropene	8.43	75	22	0.00	ug/l #	1
54) cis-1,3-Dichloropropene	9.05	75	75	0.01	ug/l #	51
55) 1,1,2-Trichloroethane	8.95	97	46	0.01	ug/l #	14
56) Ethyl methacrylate	9.15	69	39	0.01	ug/l #	1
57) 1,3-Dichloropropane	9.36	76	19	0.00	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.33	63	21	0.01	ug/l #	48
59) 2-Hexanone	9.51	43	389	0.10	ug/l	85
60) Dibromochloromethane	9.59	129	385	0.10	ug/l	99
64) Tetrachloroethene	9.34	164	3875	0.78	ug/l	94
65) Chlorobenzene	10.14	112	1162	0.10	ug/l	92
67) Ethyl Benzene	10.26	91	3940	0.22	ug/l	92
68) m/p-Xylenes	10.36	106	7009	1.00	ug/l	96
69) o-Xylene	10.70	106	2480	0.36	ug/l	100
70) Styrene	10.72	104	841	0.08	ug/l #	52
73) Isopropylbenzene	11.02	105	524	0.03	ug/l	93
74) N-amyl acetate	6.49	43	616	0.09	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.30	83	19	0.00	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	86788	21.18	ug/l #	33
77) Bromobenzene	11.26	156	20	0.00	ug/l #	1
78) n-propylbenzene	11.36	91	1006	0.06	ug/l	84
79) 2-Chlorotoluene	11.43	91	664	0.07	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.51	105	1849	0.15	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.14	75	86788	69.21	ug/l #	7
82) 4-Chlorotoluene	11.51	91	560	0.05	ug/l #	69
83) tert-Butylbenzene	12.02	119	559	0.04	ug/l	74
84) 1,2,4-Trimethylbenzene	11.81	105	4621	0.36	ug/l	96
85) sec-Butylbenzene	11.95	105	681	0.05	ug/l	95
86) p-Isopropyltoluene	12.07	119	842	0.06	ug/l #	1
87) 1,3-Dichlorobenzene	12.03	146	212	0.03	ug/l #	67
88) 1,4-Dichlorobenzene	12.10	146	632	0.08	ug/l #	1
89) n-Butylbenzene	12.39	91	1143	0.10	ug/l #	56
90) Hexachloroethane	12.59	117	184	0.09	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	244	0.03	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.03	75	91	0.09	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	347	0.06	ug/l #	78
94) Hexachlorobutadiene	13.79	225	149	0.05	ug/l	95
95) Naphthalene	13.84	128	156498	10.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	270	0.05	ug/l #	9

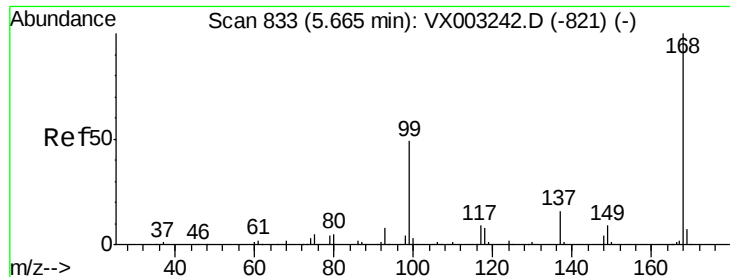
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

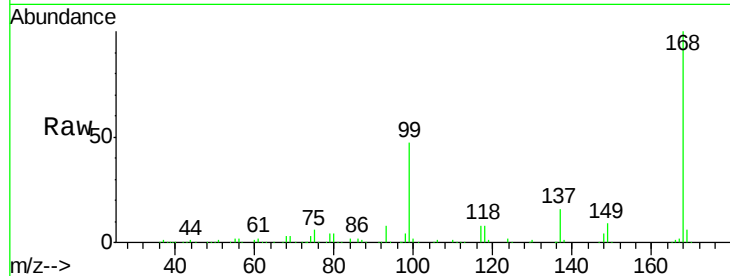
TP-9-S

Tot Ion:168 Resp: 251910

Ion Ratio Lower Upper

168 100

99 47.1 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

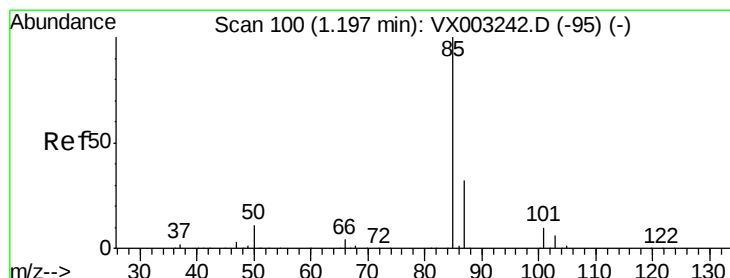
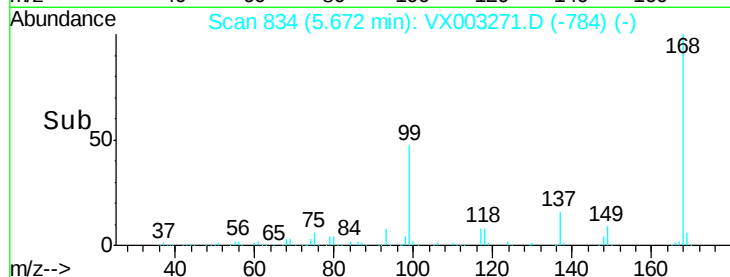
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.02 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003271.D

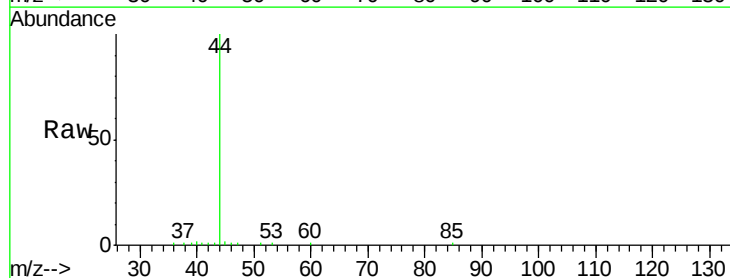
Acq: 10 Jul 2018 03:37

Tgt Ion: 85 Resp: 92

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120

100

80

60

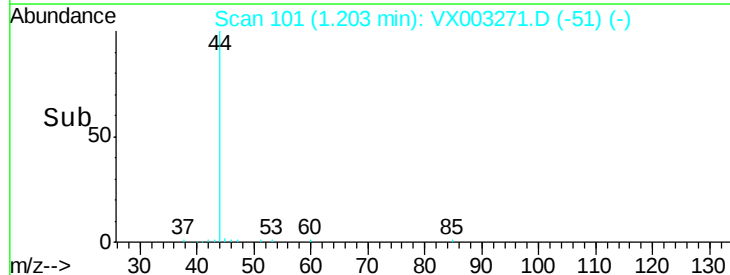
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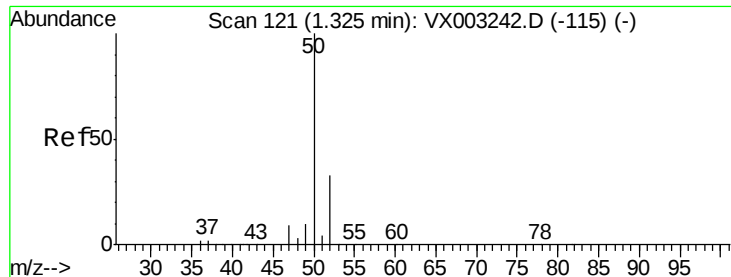
20

0

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

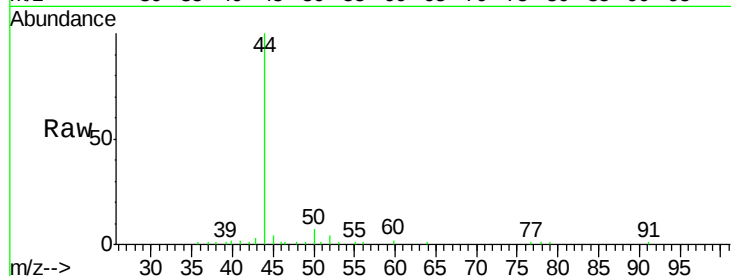
TP-9-S

Tot Ion: 50 Resp: 782

Ion Ratio Lower Upper

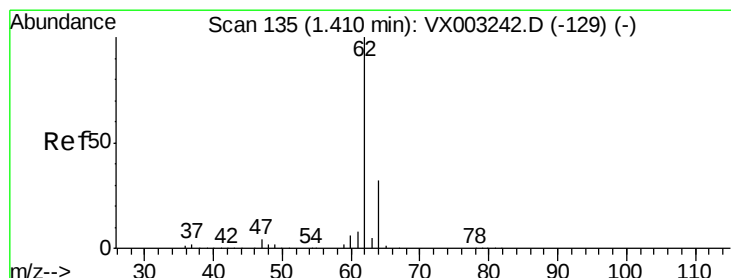
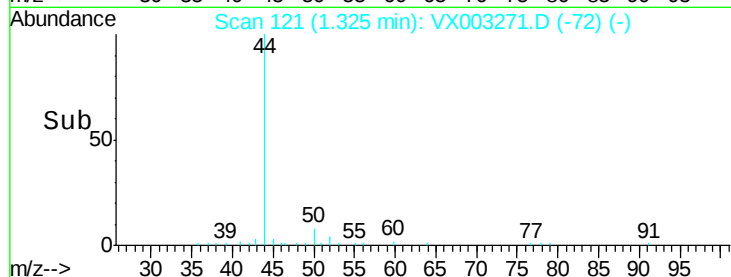
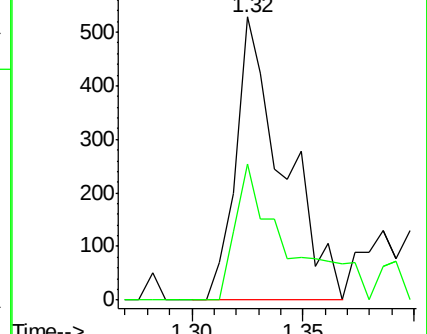
50 100

52 47.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003271.D

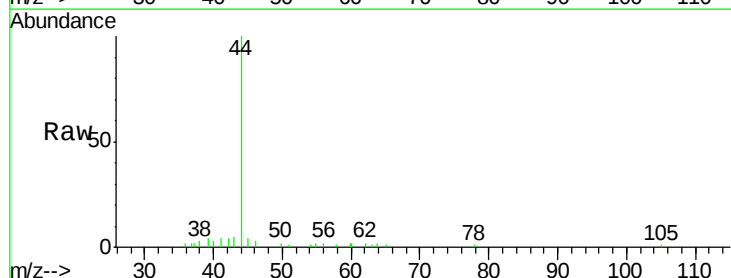
Acq: 10 Jul 2018 03:37

Tgt Ion: 62 Resp: 80

Ion Ratio Lower Upper

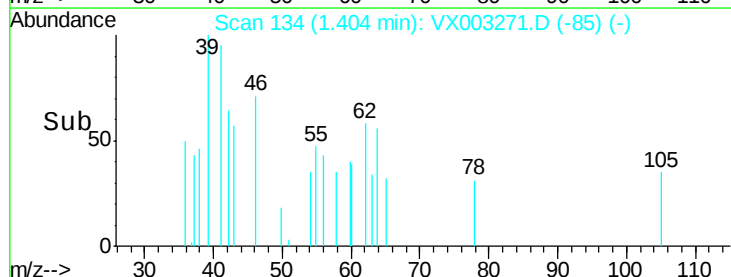
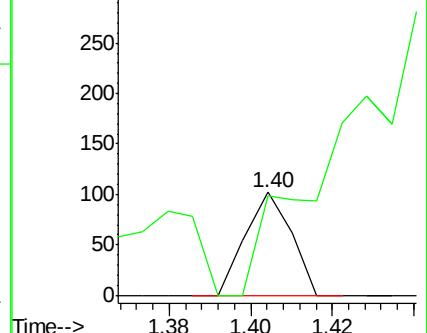
62 100

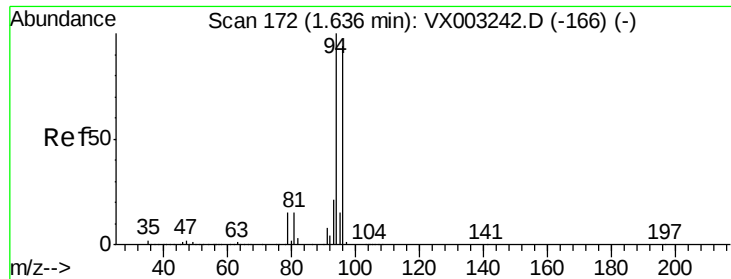
64 20.6 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

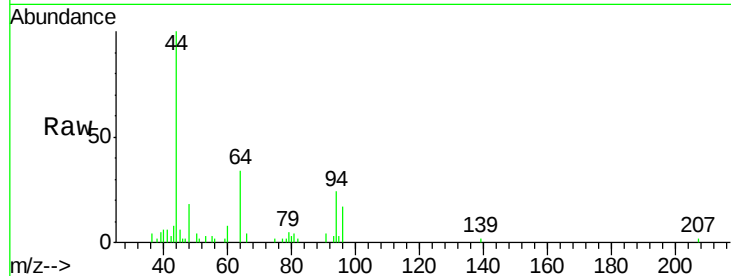
TP-9-S

Tot Ion: 94 Resp: 1946

Ion Ratio Lower Upper

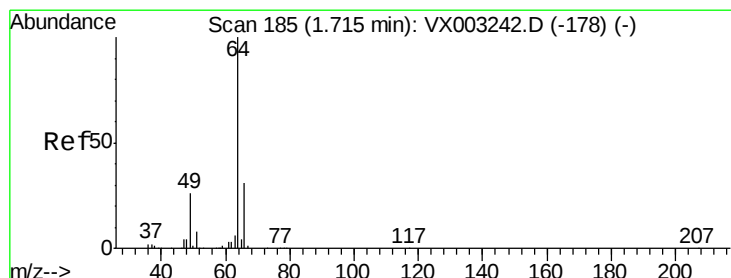
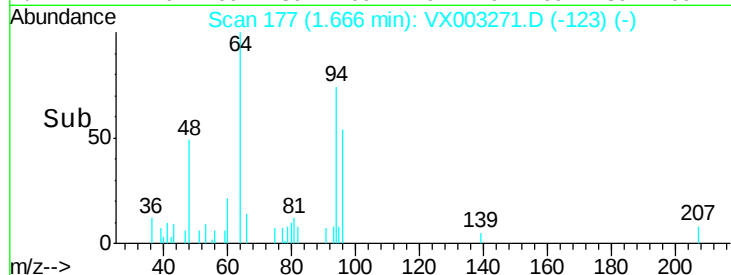
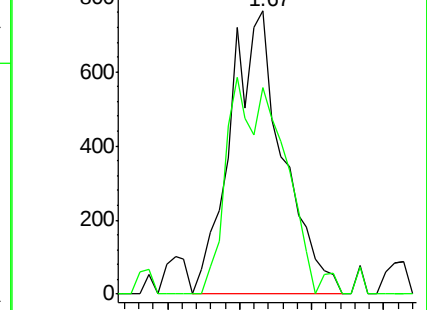
94 100

96 72.8 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.21 ug/l

RT: 1.56 min Scan# 160

Delta R.T. -0.15 min

Lab File: VX003271.D

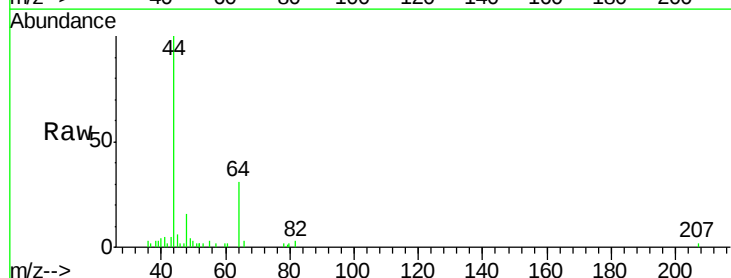
Acq: 10 Jul 2018 03:37

Tgt Ion: 64 Resp: 418

Ion Ratio Lower Upper

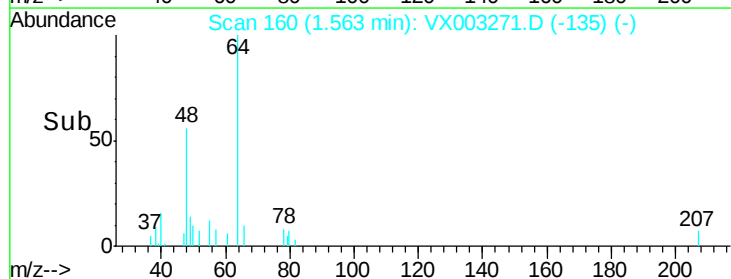
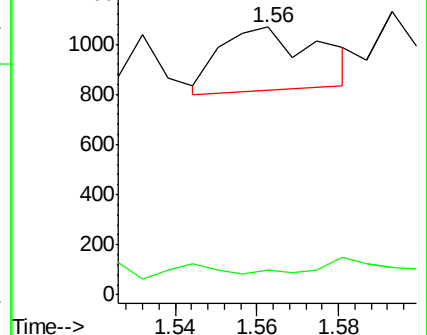
64 100

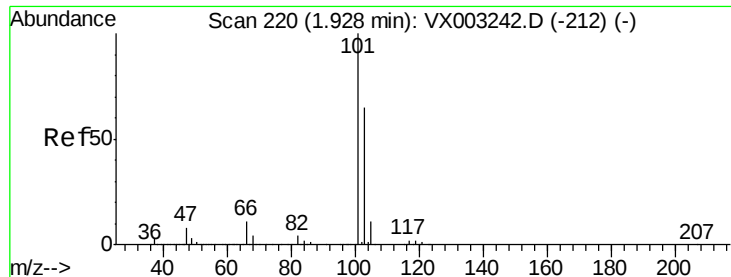
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 0.01 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

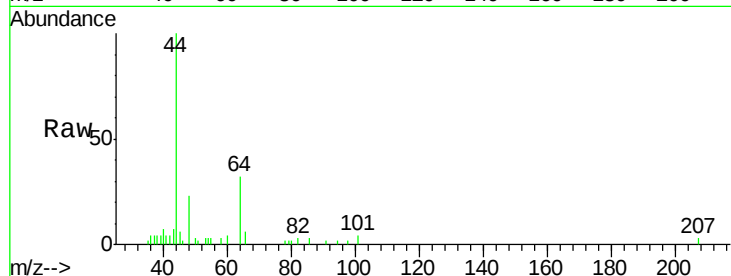
TP-9-S

Tot Ion:101 Resp: 67

Ion Ratio Lower Upper

101 100

103 0.0 52.8 79.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

100

80

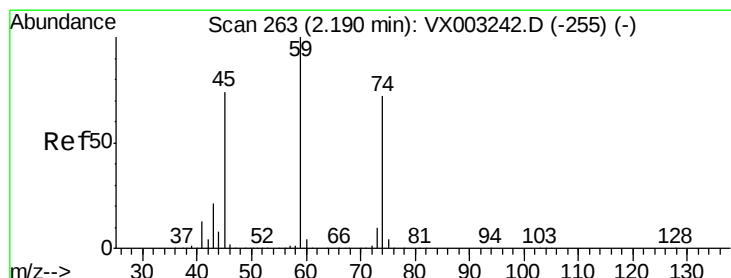
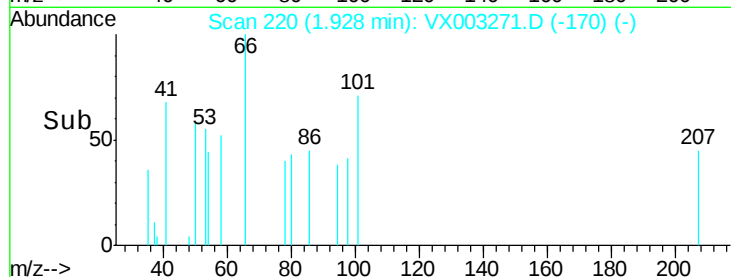
60

40

20

0

Time-->



#8

Diethyl Ether

Concen: 0.05 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX003271.D

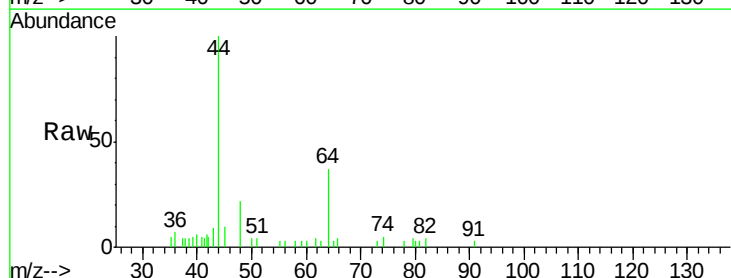
Acq: 10 Jul 2018 03:37

Tgt Ion: 74 Resp: 88

Ion Ratio Lower Upper

74 100

45 409.1 53.1 159.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

250

200

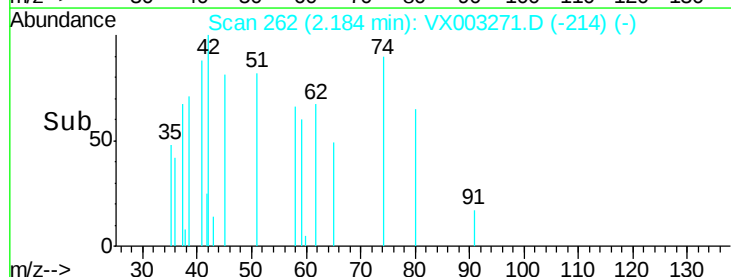
150

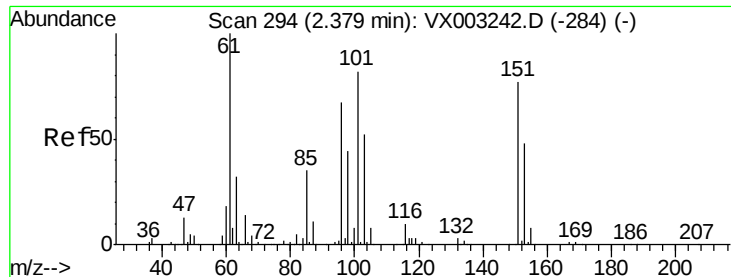
100

50

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.05 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

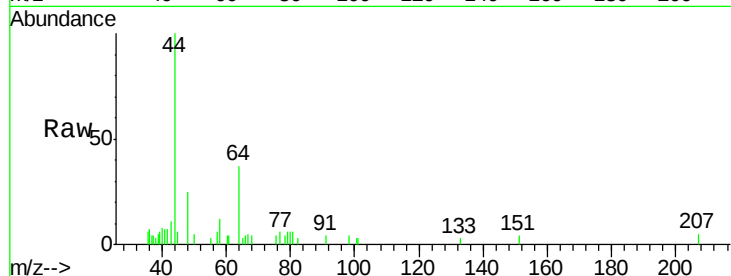
Tot Ion:101 Resp: 156

Ion Ratio Lower Upper

101 100

85 35.3 36.0 54.0#

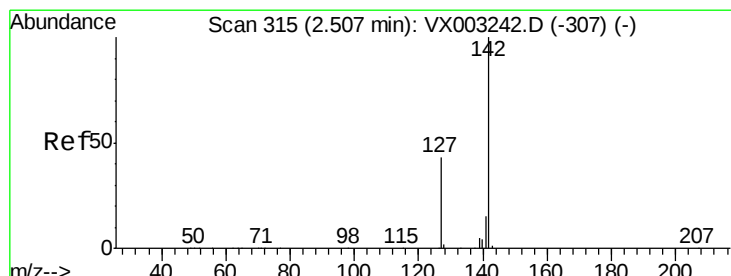
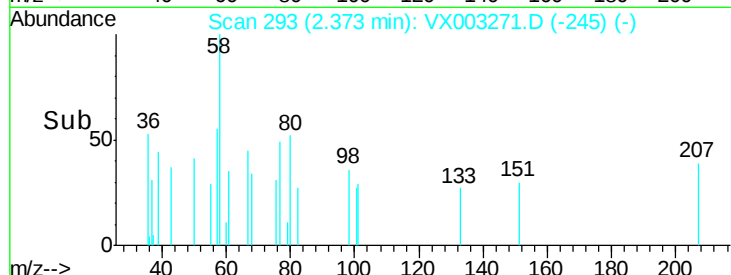
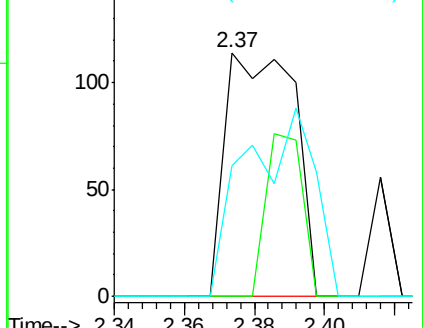
151 77.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

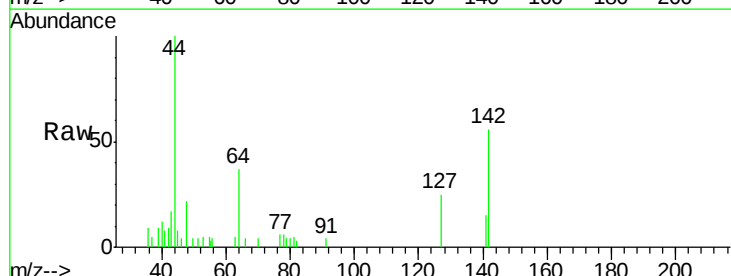
Tgt Ion:142 Resp: 1843

Ion Ratio Lower Upper

142 100

127 49.9 36.6 55.0

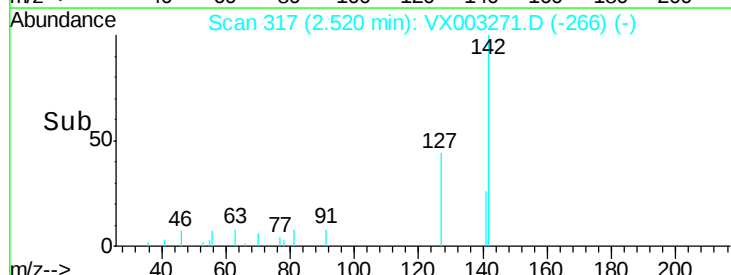
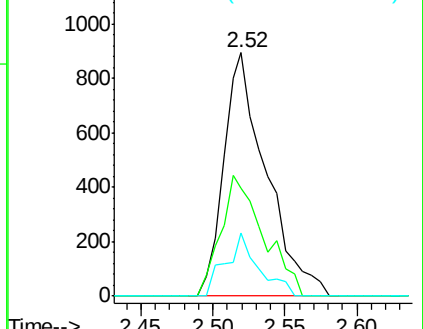
141 20.0 11.3 16.9#

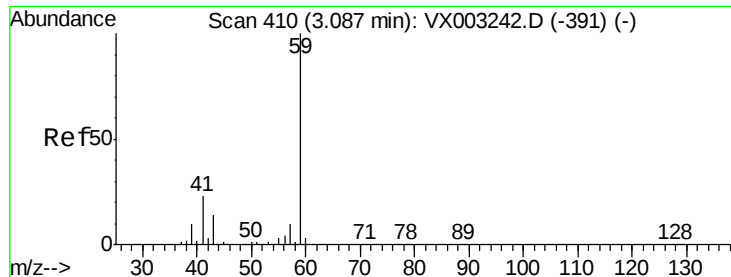


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



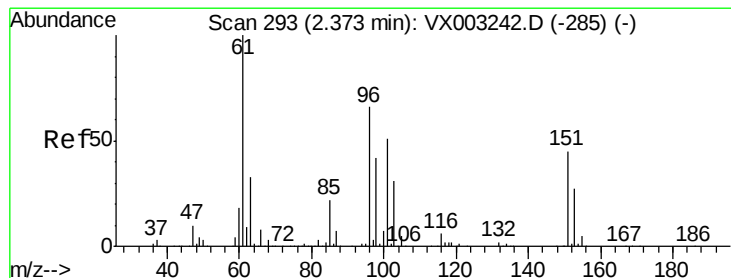
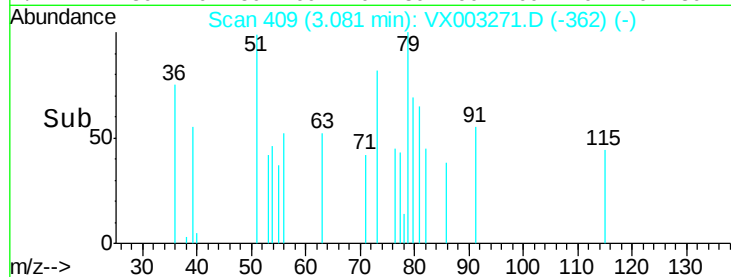
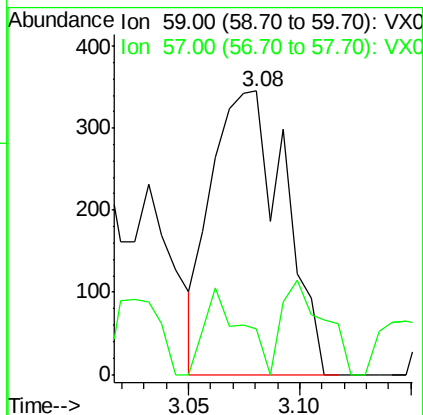
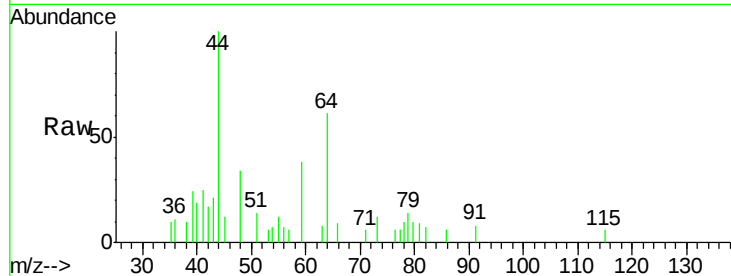


#11

Tert butyl alcohol
Concen: 1.09 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Instrument :
MSVOA_X
ClientSampled :
TP-9-S

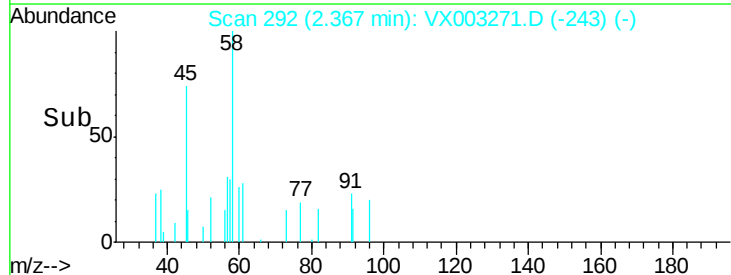
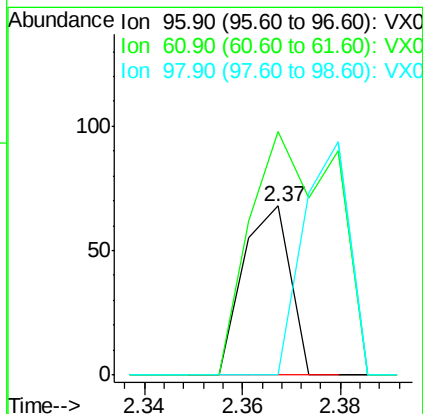
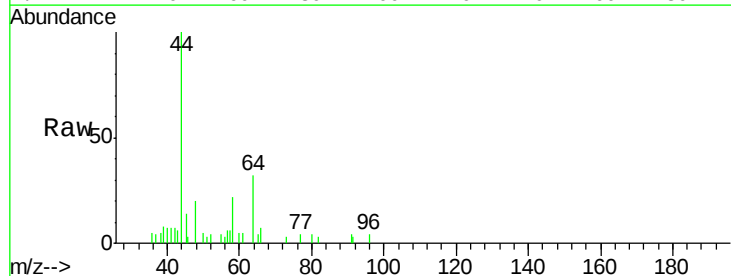
Tot Ion: 59 Resp: 787
Ion Ratio Lower Upper
59 100
57 18.7 8.2 12.2#

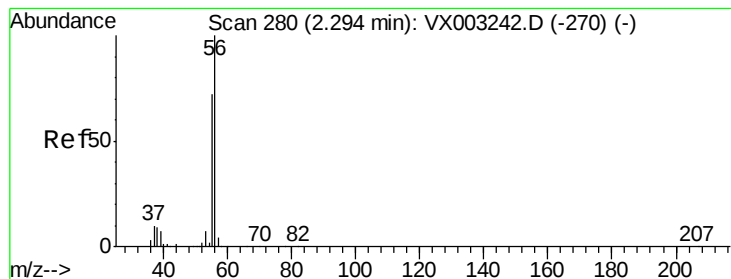


#12

1,1-Dichloroethene
Concen: 0.02 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 144.1 137.9 206.9
98 0.0 51.6 77.4#





#13

Acrolein

Concen: 1.05 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

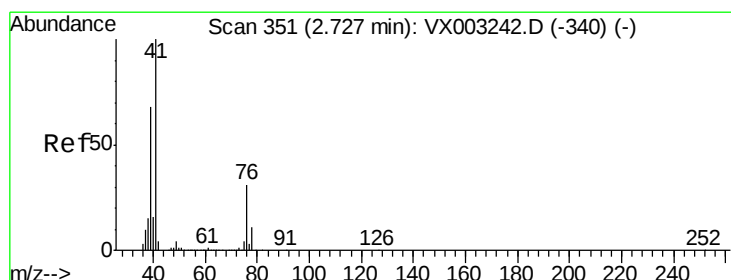
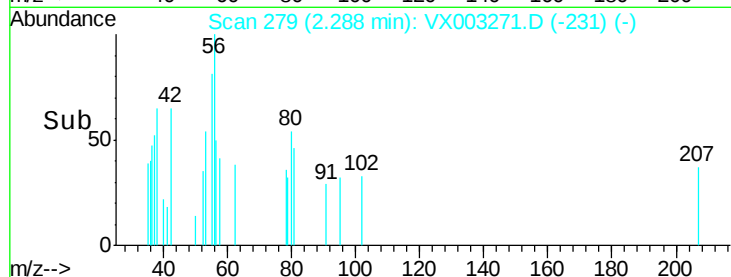
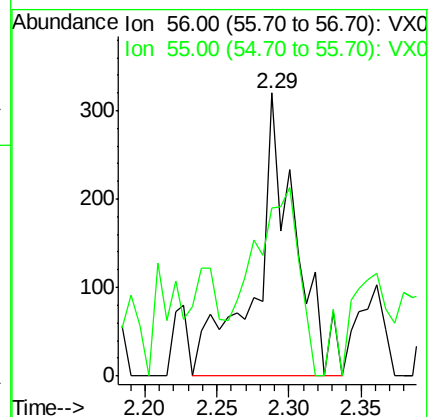
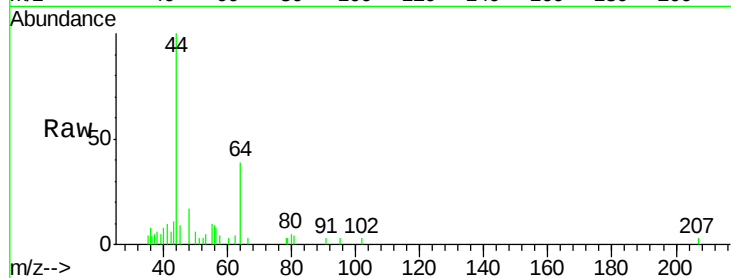
TP-9-S

Tot Ion: 56 Resp: 611

Ion Ratio Lower Upper

56 100

55 76.8 57.0 85.4



#14

Allyl chloride

Concen: 0.08 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.05 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

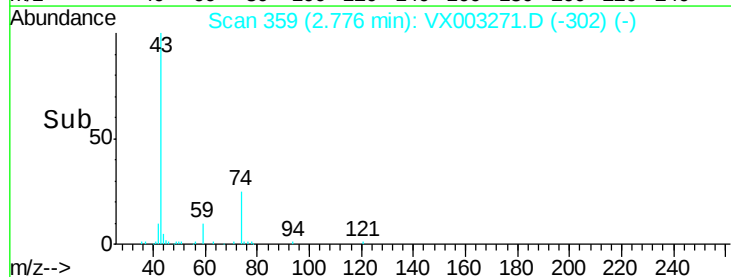
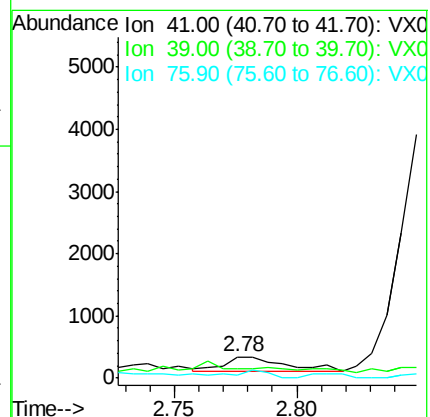
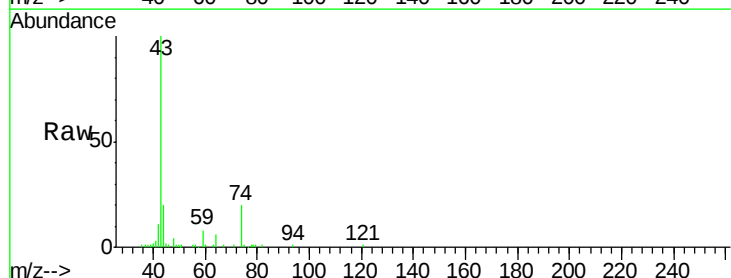
Tgt Ion: 41 Resp: 402

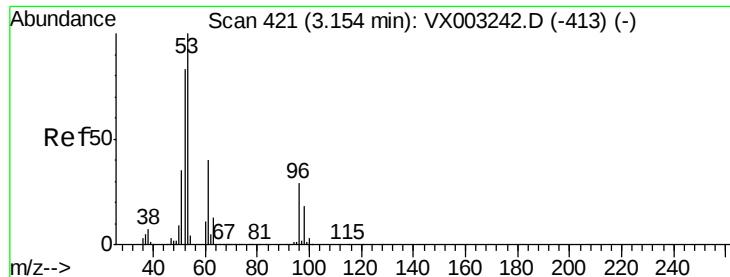
Ion Ratio Lower Upper

41 100

39 48.3 56.8 85.2#

76 32.1 23.8 35.8





#15

Acrylonitrile

Concen: 0.09 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

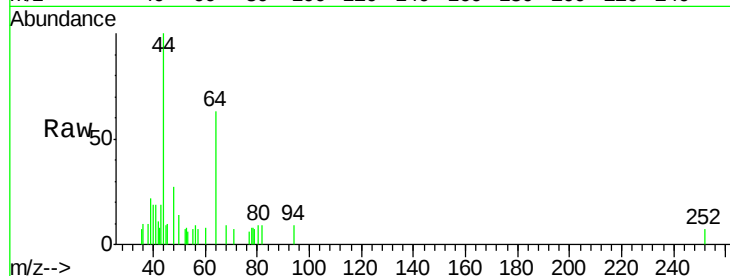
Tot Ion: 53 Resp: 149

Ion Ratio Lower Upper

53 100

52 107.4 66.7 100.1#

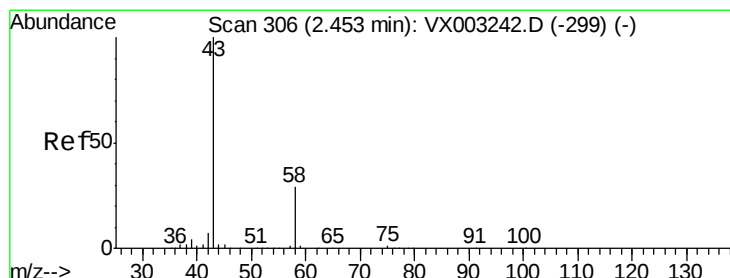
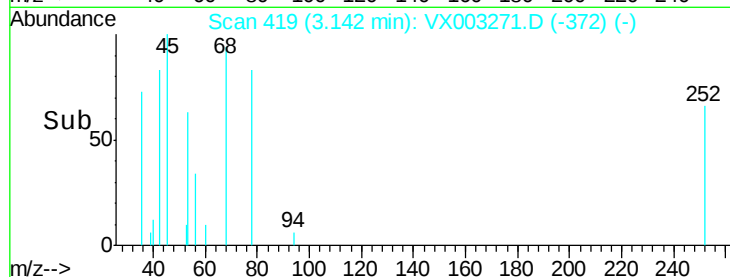
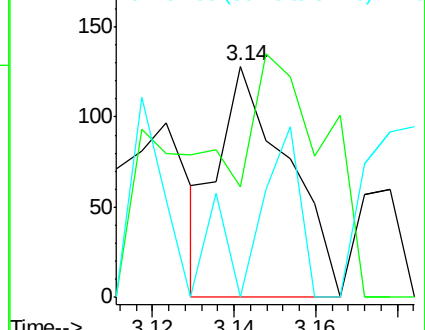
51 0.0 29.9 44.9#



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: 19.66 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003271.D

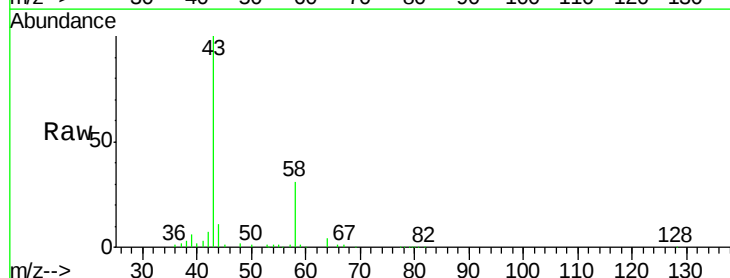
Acq: 10 Jul 2018 03:37

Tgt Ion: 43 Resp: 27678

Ion Ratio Lower Upper

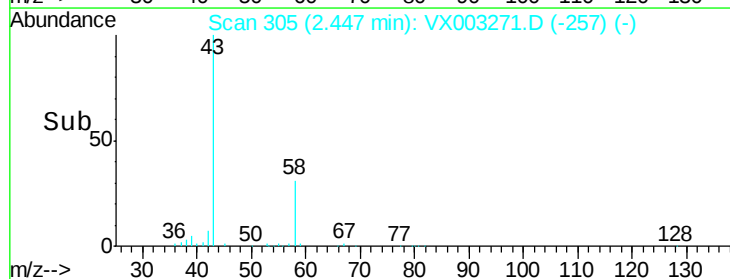
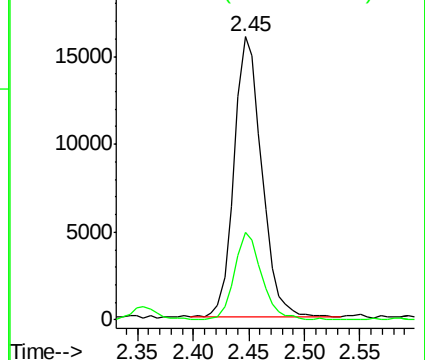
43 100

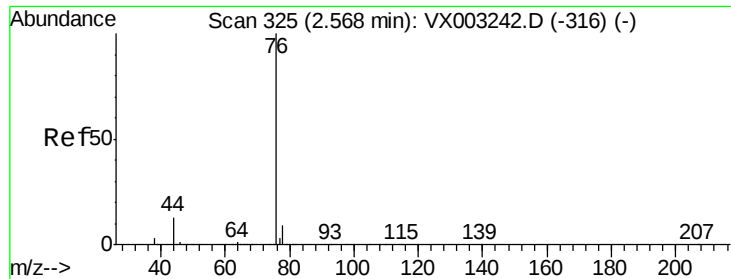
58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

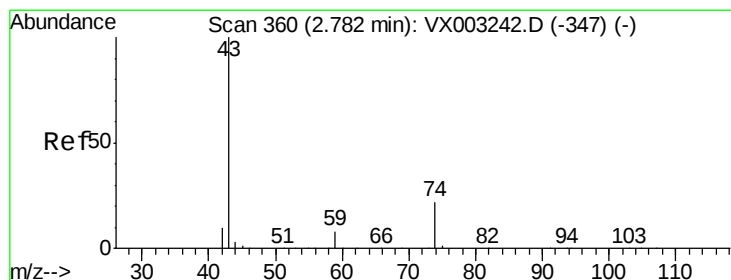
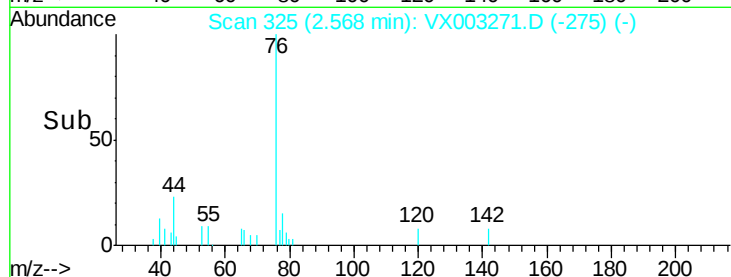
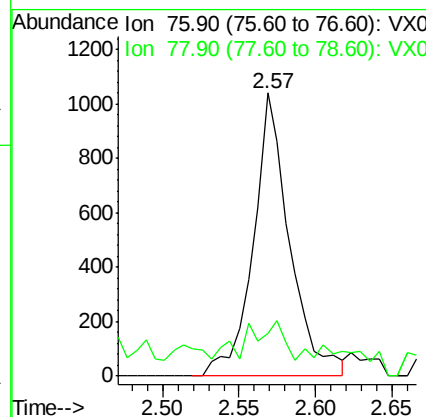
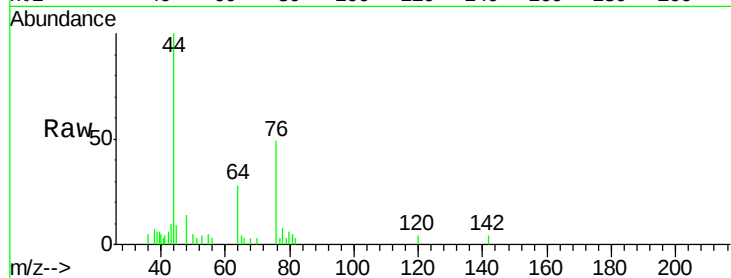




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

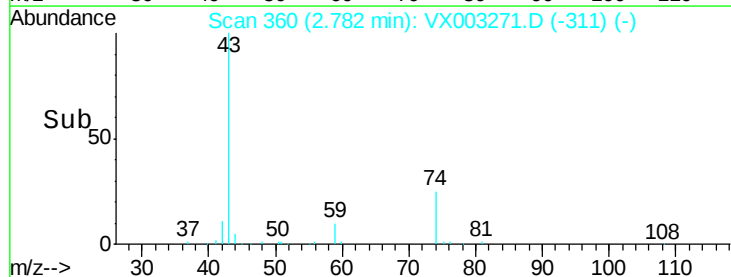
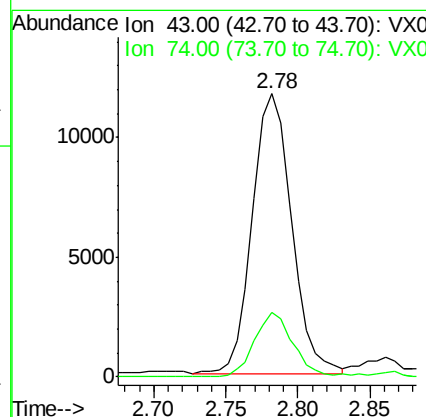
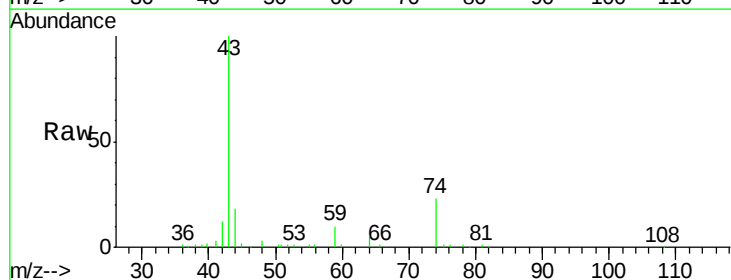
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

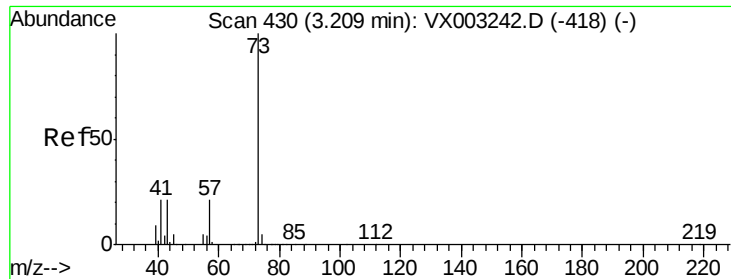
Tot Ion: 76 Resp: 1718
Ion Ratio Lower Upper
76 100
78 6.4 6.9 10.3#



#18
Methyl Acetate
Concen: 5.57 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 43 Resp: 22118
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

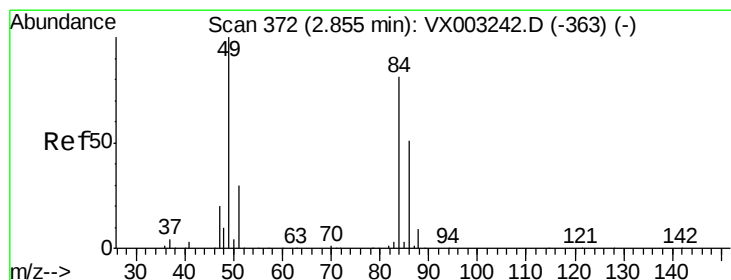
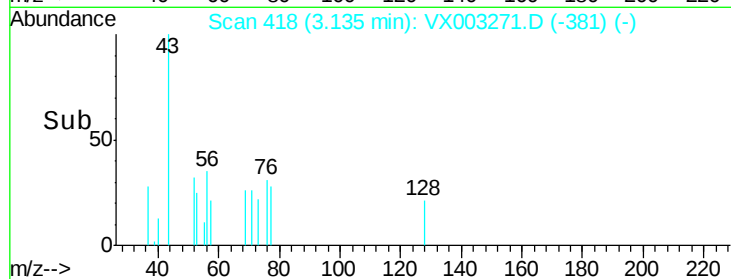
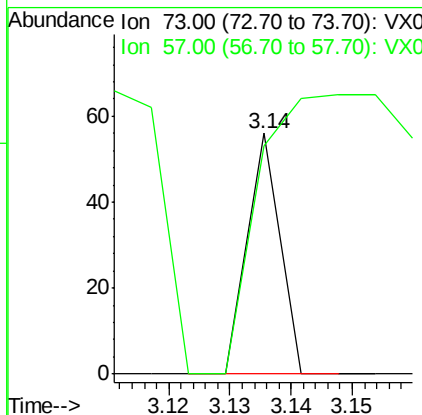
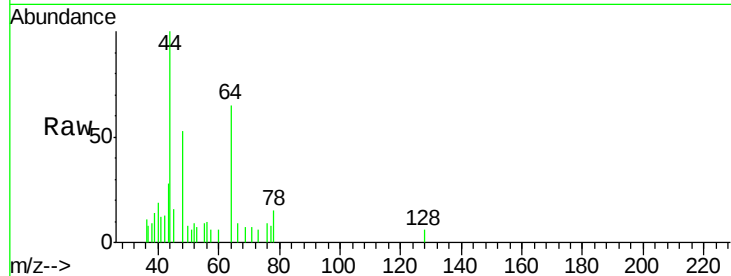




#19
Methvl tert-butvl Ether
Concen: 0.00 ug/l
RT: 3.14 min Scan# 418
Delta R.T. -0.07 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

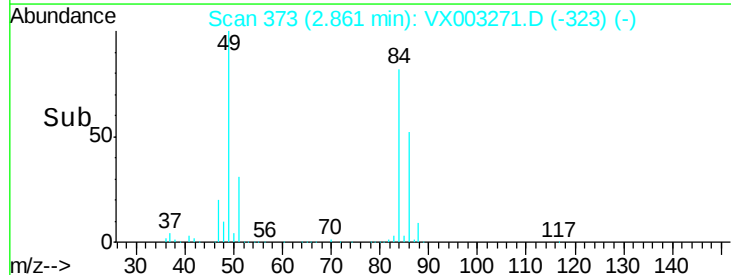
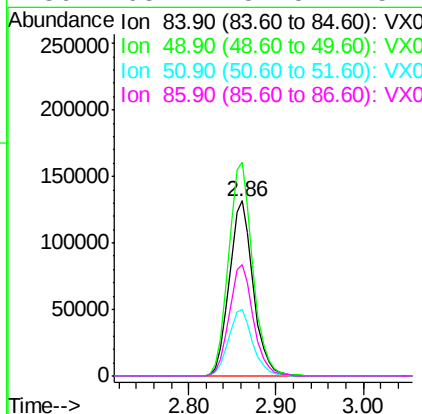
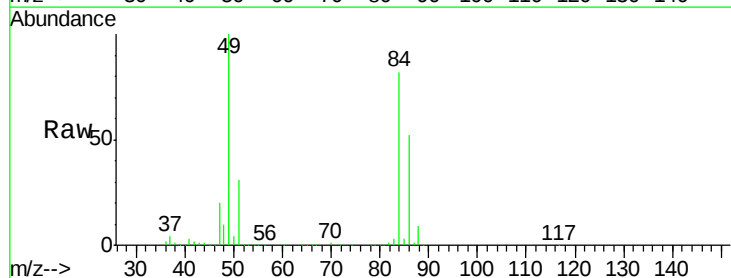
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

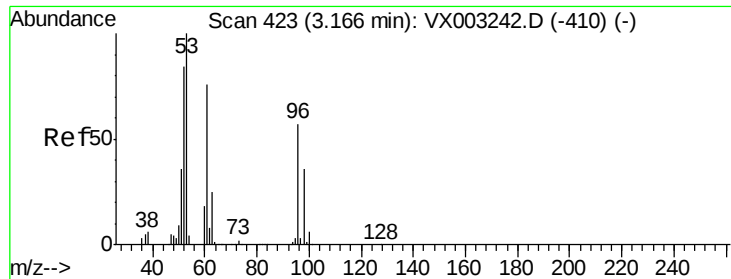
Tot Ion: 73 Resp: 20
Ion Ratio Lower Upper
73 100
57 94.6 17.7 26.5#



#20
Methylene Chloride
Concen: 87.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 84 Resp: 250140
Ion Ratio Lower Upper
84 100
49 121.9 107.8 161.6
51 38.0 32.8 49.2
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.03 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

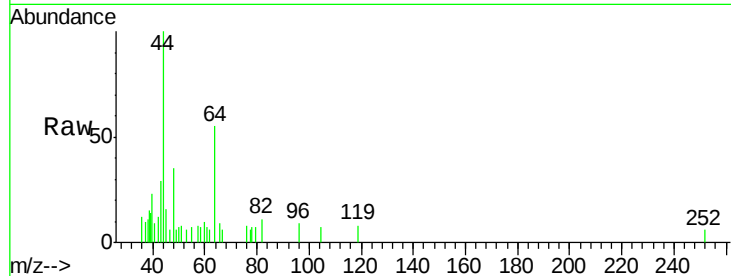
Tot Ion: 96 Resp: 85

Ion Ratio Lower Upper

96 100

61 80.2 117.0 175.4#

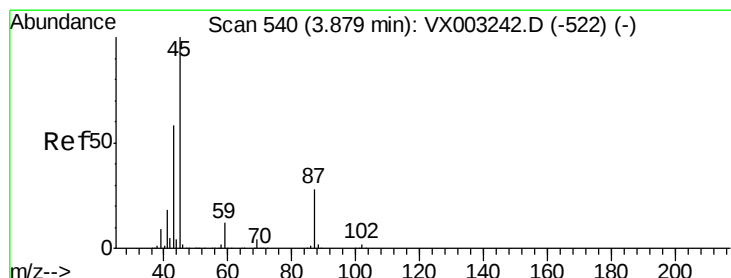
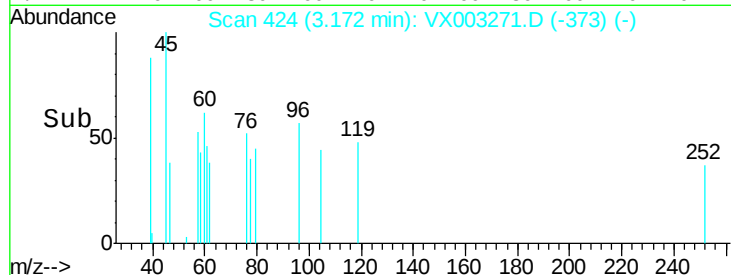
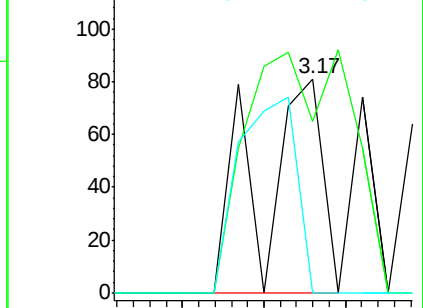
98 0.0 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.02 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Tgt Ion: 45 Resp: 201

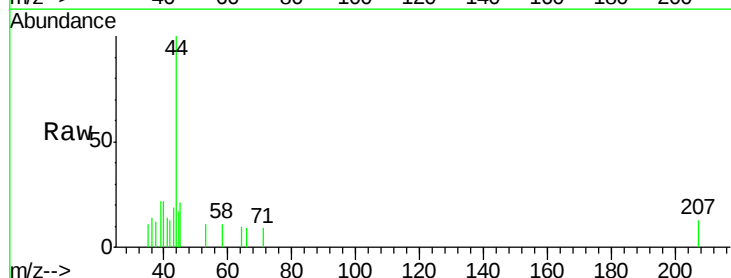
Ion Ratio Lower Upper

45 100

43 0.0 46.8 70.2#

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#

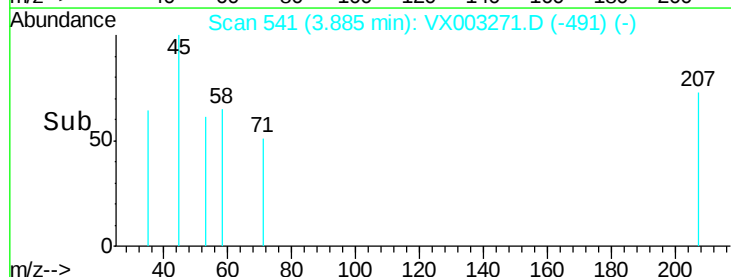
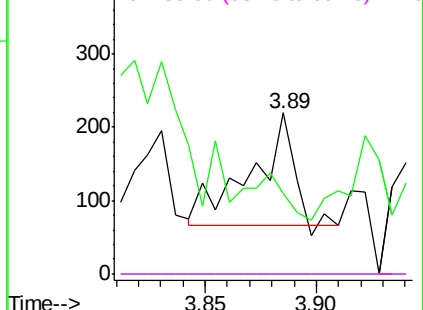


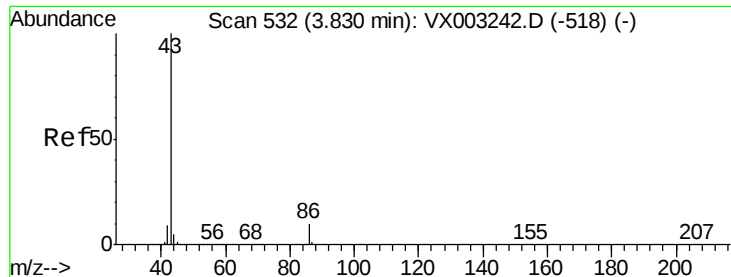
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.04 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

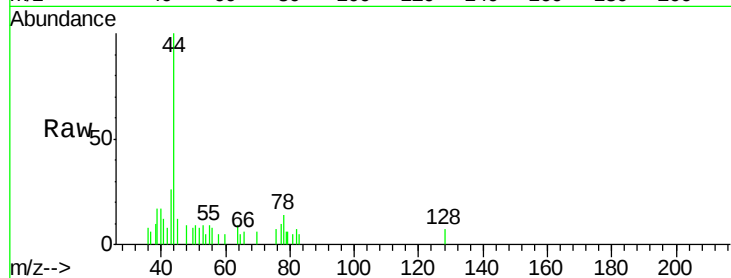
TP-9-S

Tot Ion: 43 Resp: 339

Ion Ratio Lower Upper

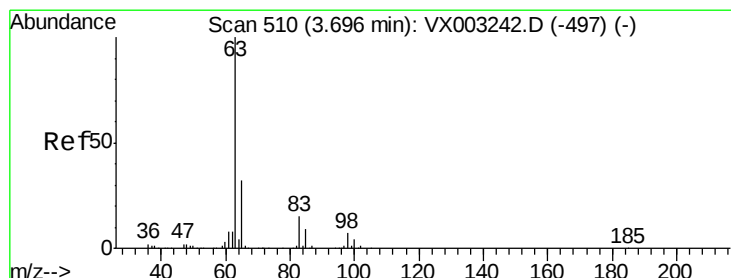
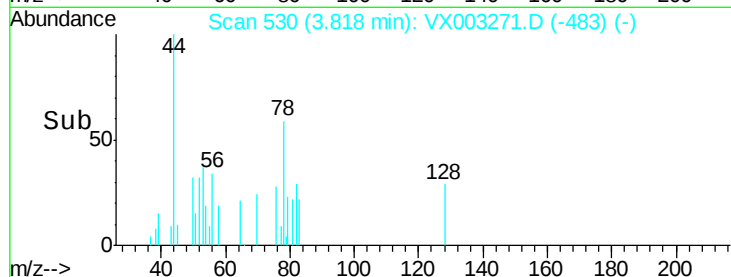
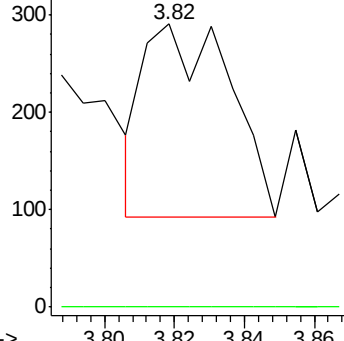
43 100

86 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.01 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

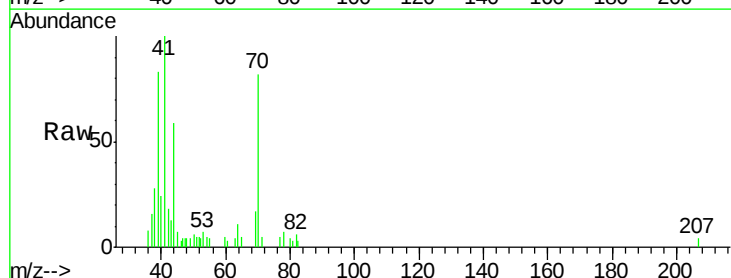
Tgt Ion: 63 Resp: 74

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

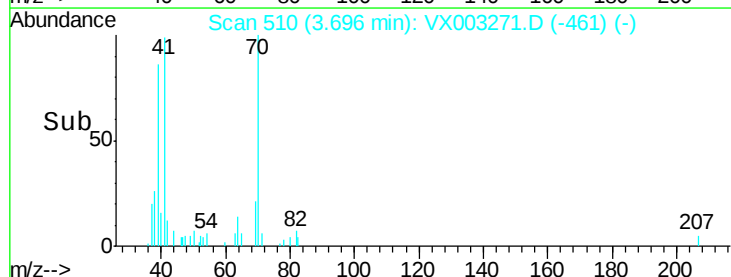
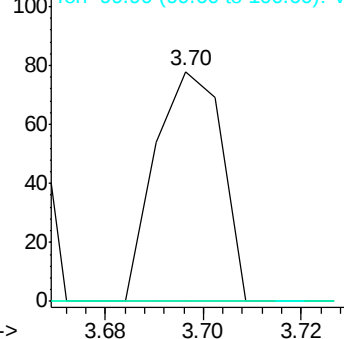
100 0.0 2.0 6.0#

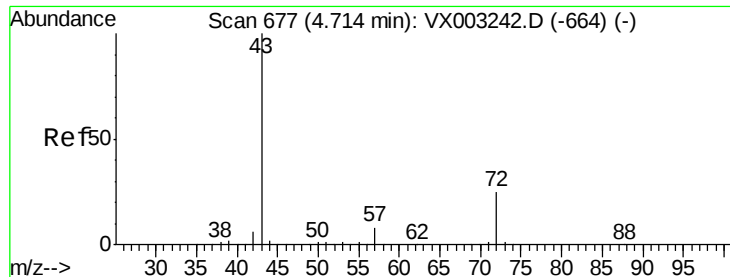


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 2.93 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

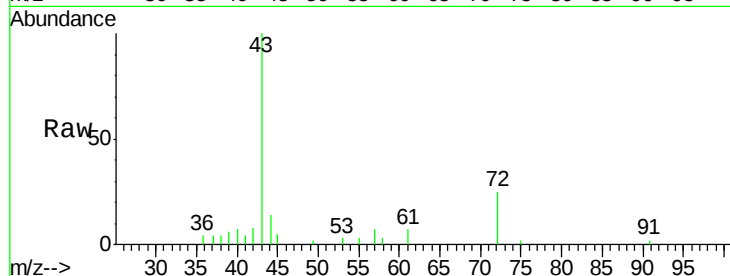
TP-9-S

Tot Ion: 43 Resp: 7290

Ion Ratio Lower Upper

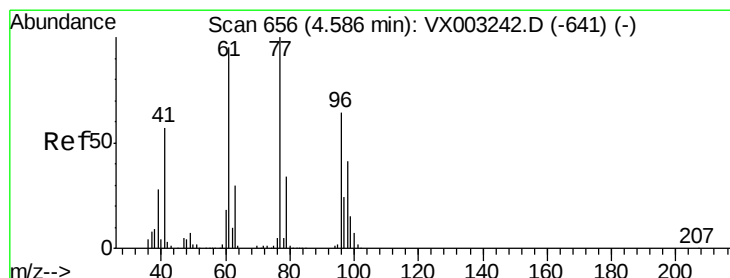
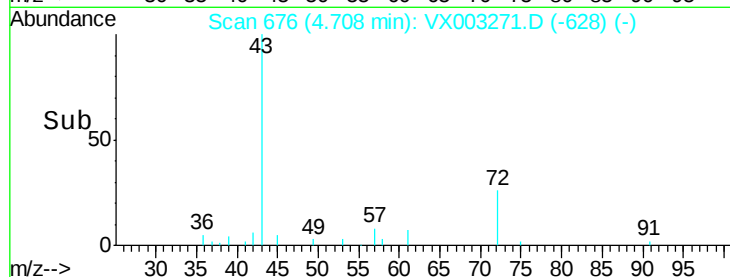
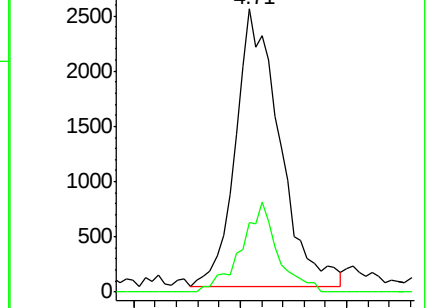
43 100

72 25.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX003242.D (-664) (-)

Ion 72.00 (71.70 to 72.70): VX003242.D (-664) (-)



#26

2,2-Dichloropropane

Concen: 0.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003271.D

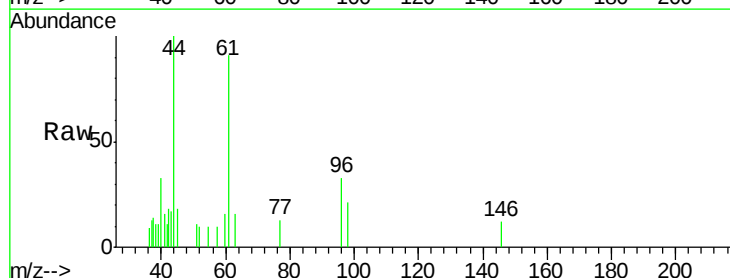
Acq: 10 Jul 2018 03:37

Tgt Ion: 77 Resp: 135

Ion Ratio Lower Upper

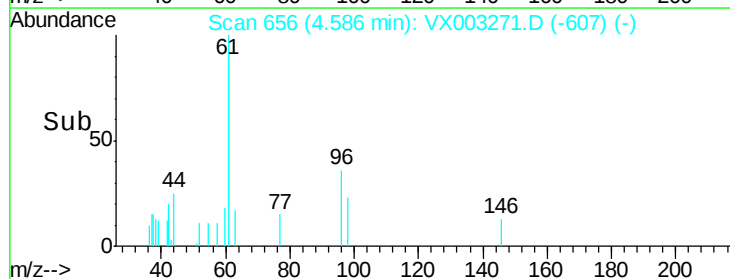
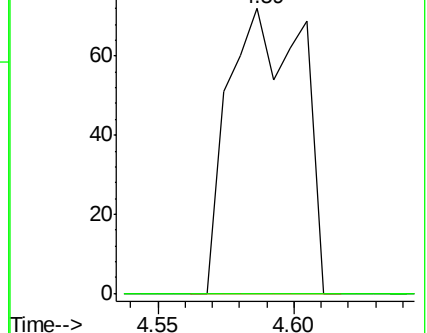
77 100

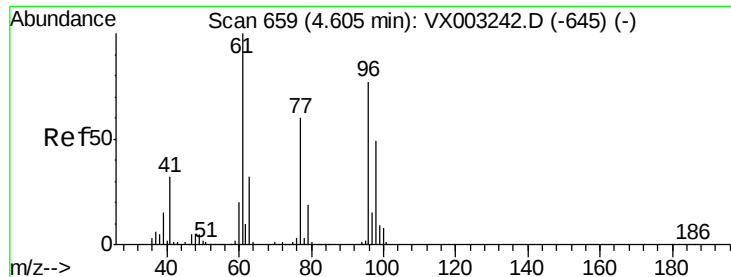
97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VX003242.D (-641) (-)

Ion 96.90 (96.60 to 97.60): VX003242.D (-641) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.18 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

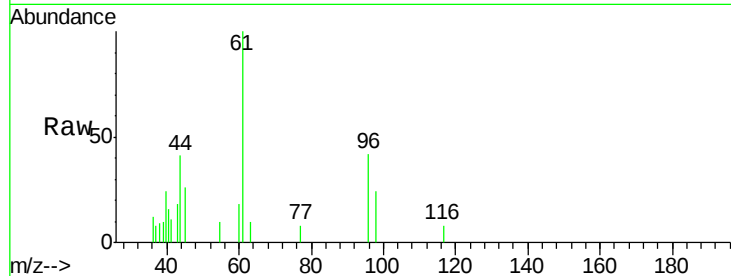
Tot Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 0.0 0.0 330.2

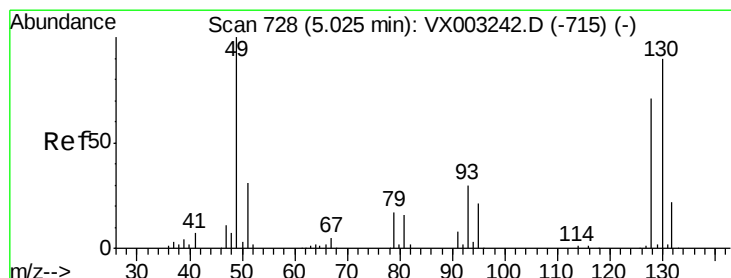
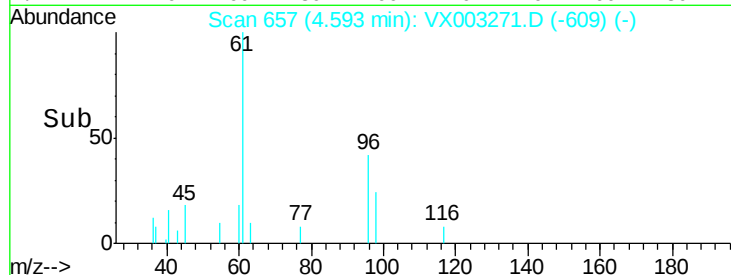
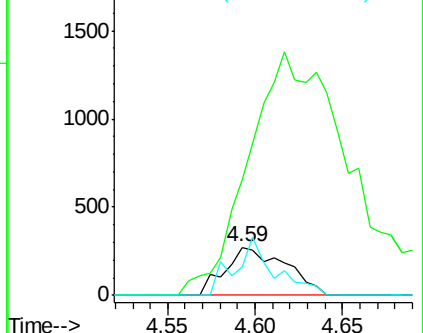
98 79.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 0.01 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

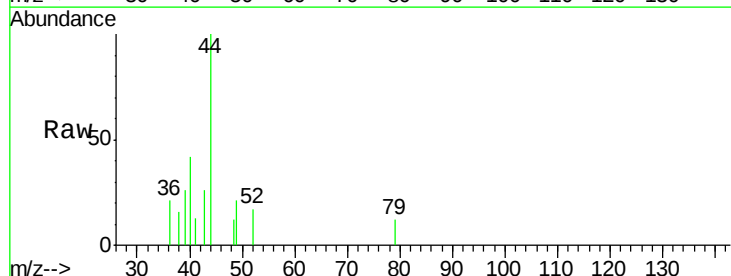
Tgt Ion: 49 Resp: 33

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

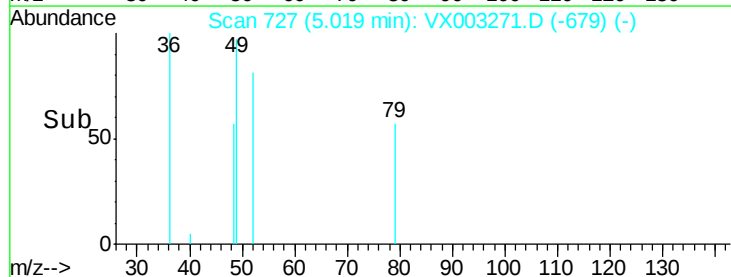
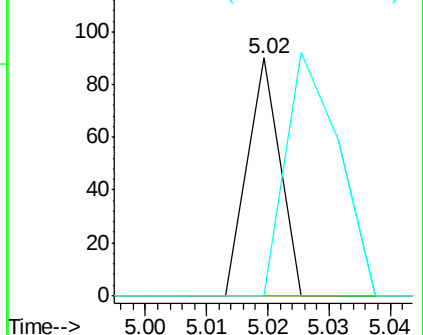
130 166.7 61.2 91.8#

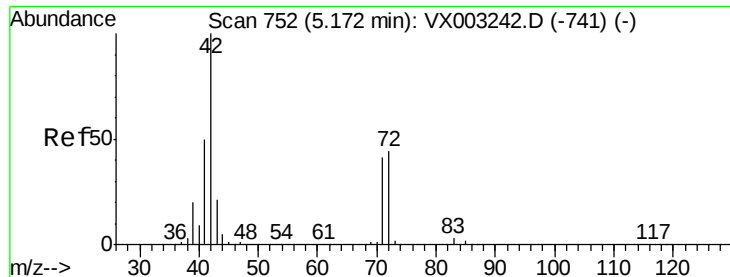


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

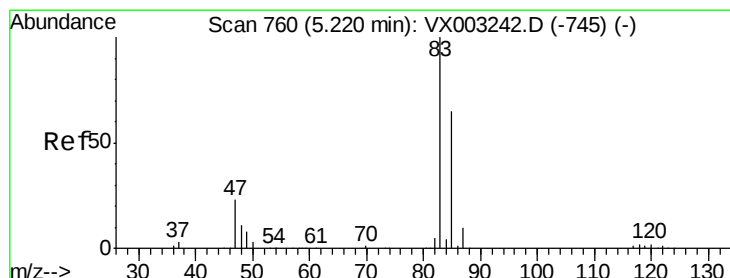
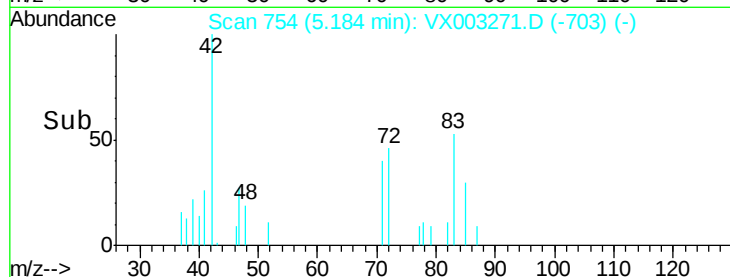
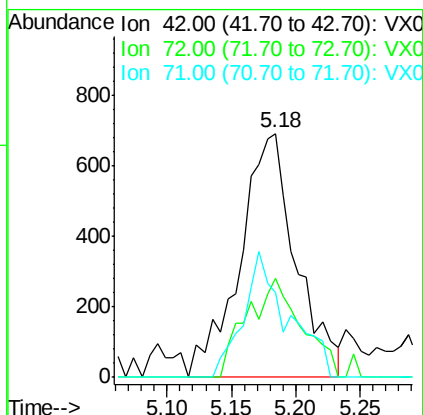
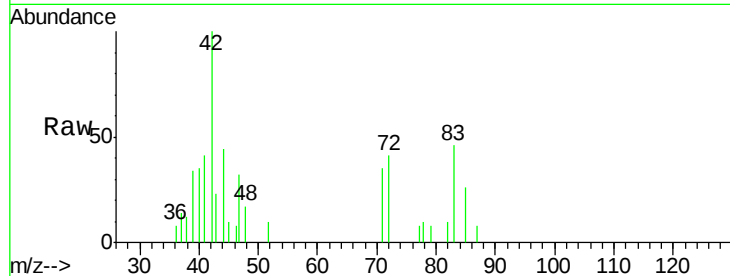




#29
Tetrahydrofuran
Concen: 1.30 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

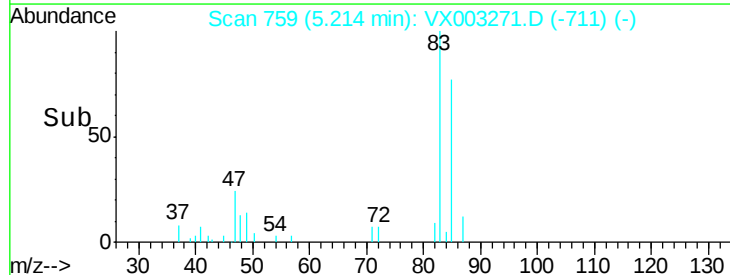
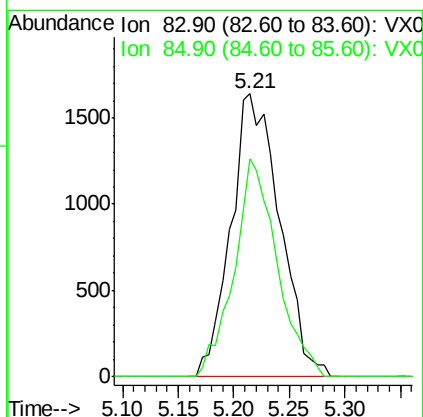
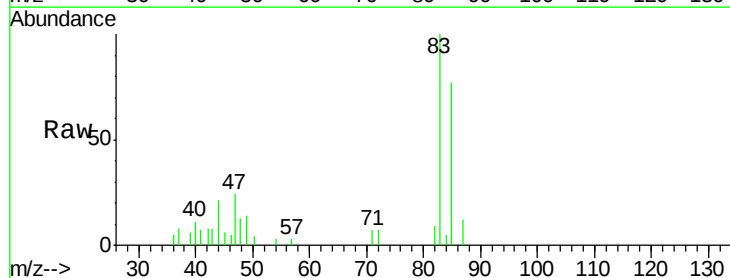
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

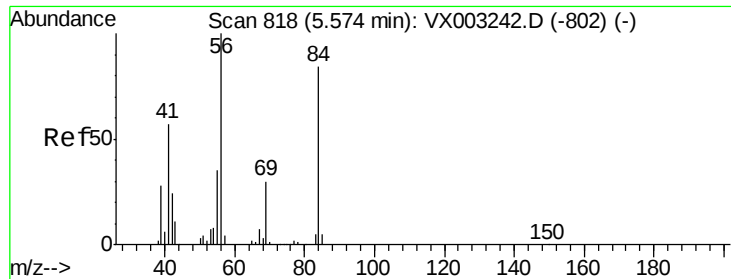
Tot Ion: 42 Resp: 2096
Ion Ratio Lower Upper
42 100
72 39.7 32.0 48.0
71 40.7 30.1 45.1



#30
Chloroform
Concen: 0.82 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 83 Resp: 4996
Ion Ratio Lower Upper
83 100
85 76.9 50.4 75.6#

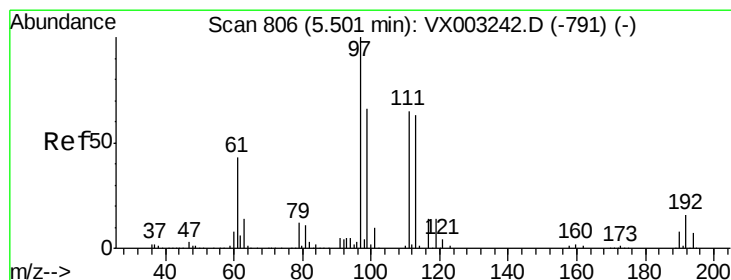
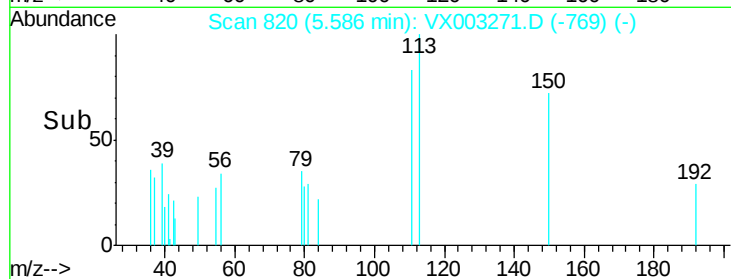
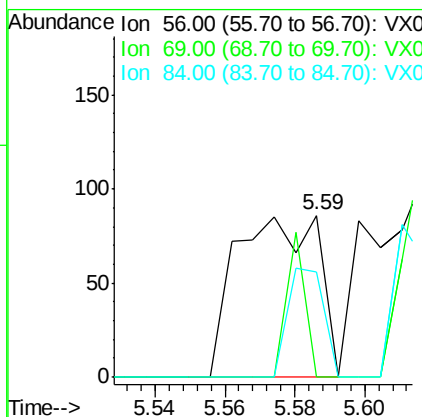
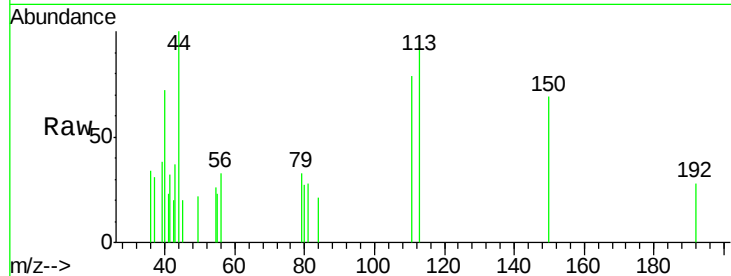




#31
Cvclohexane
Concen: 0.03 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

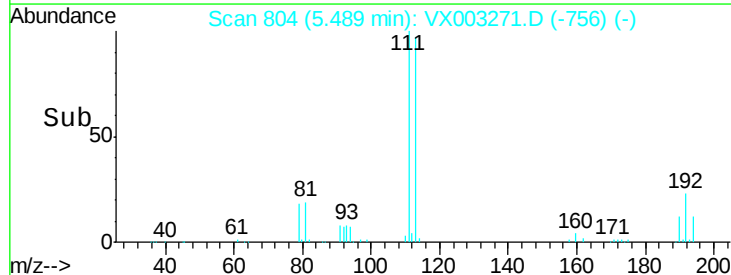
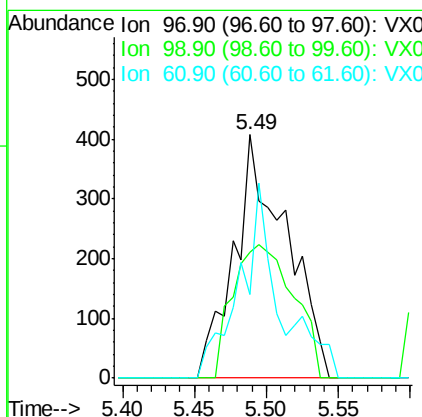
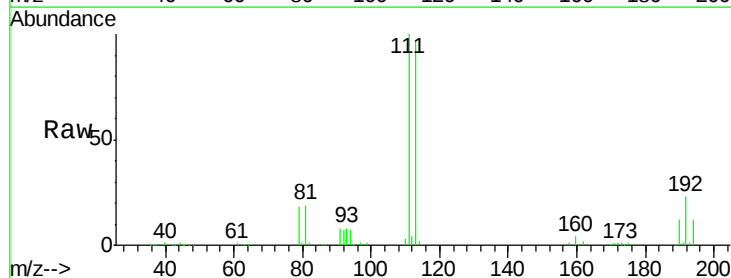
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

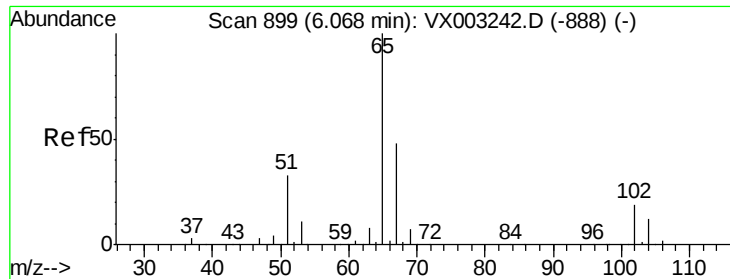
Tot Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 65.1 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 0.19 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 97 Resp: 1027
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 48.5 36.4 54.6

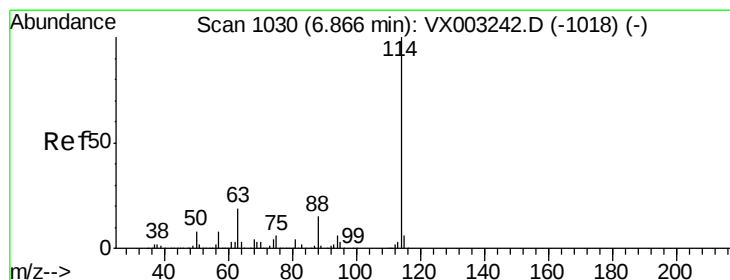
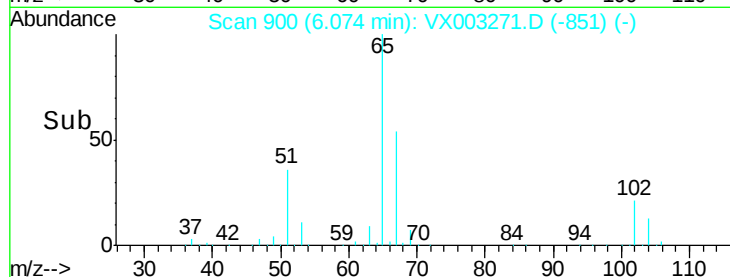
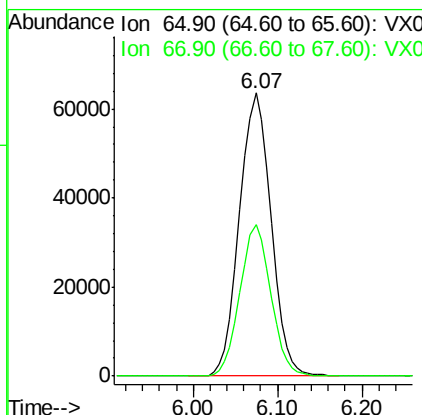
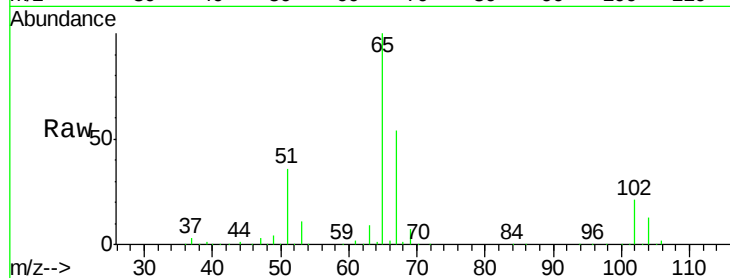




#33
 1,2-Dichloroethane-d4
 Concen: 40.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

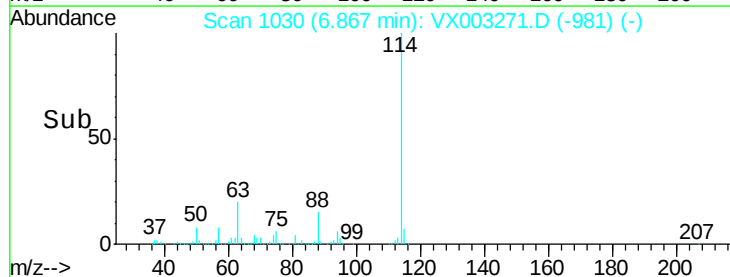
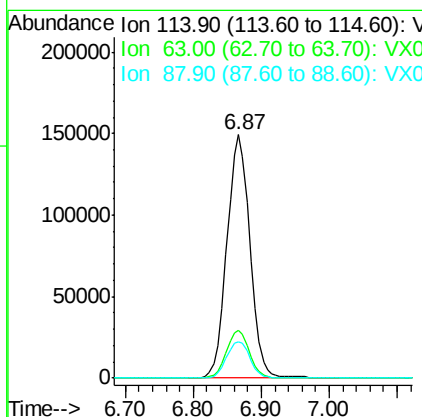
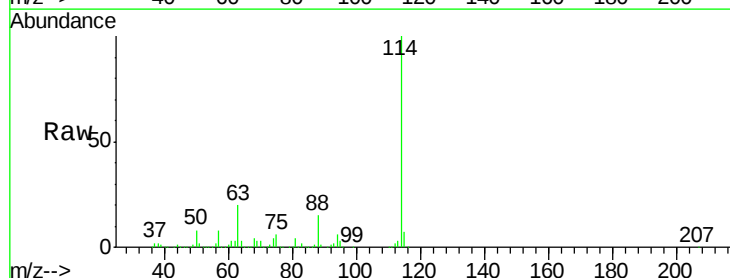
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

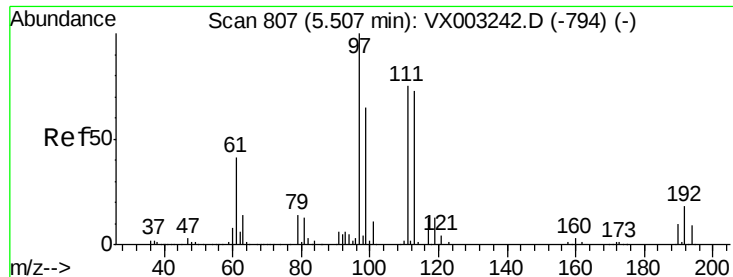
Tot Ion: 65 Resp: 161688
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

Tgt Ion: 114 Resp: 349750
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 37.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

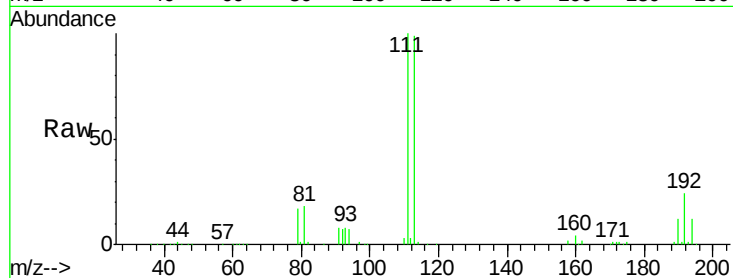
Tot Ion:113 Resp: 139764

Ion Ratio Lower Upper

113 100

111 99.8 81.4 122.0

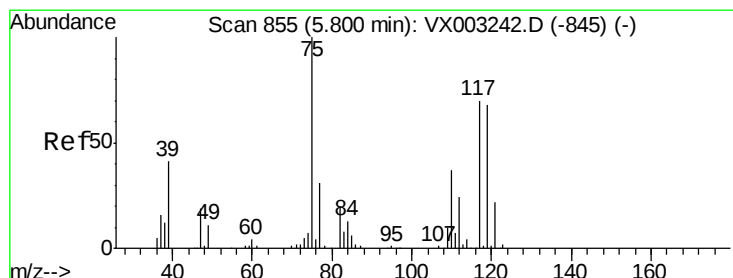
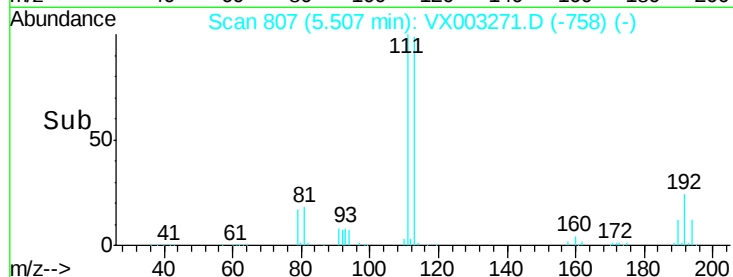
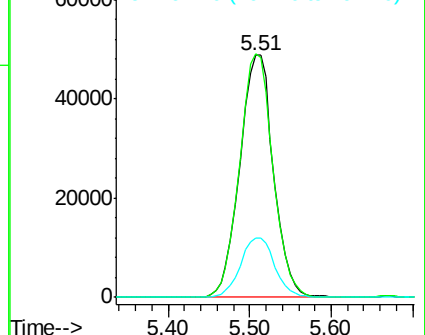
192 25.0 19.1 28.7



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: 3.23 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

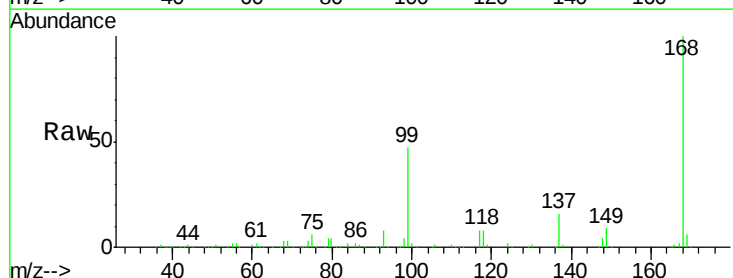
Tgt Ion: 75 Resp: 16007

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.4#

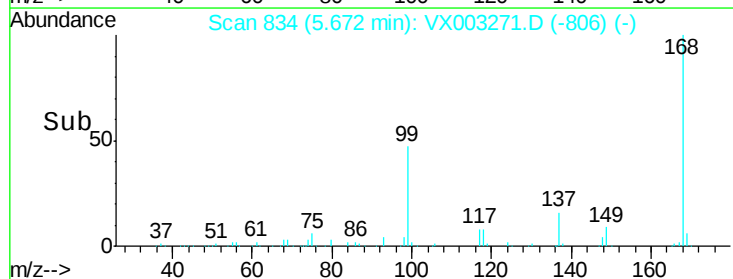
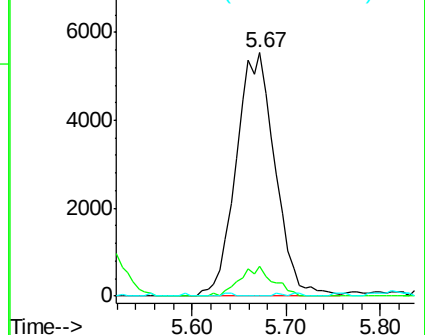
77 0.2 24.3 36.5#

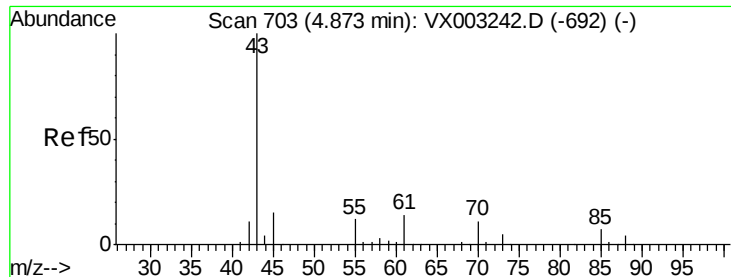


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

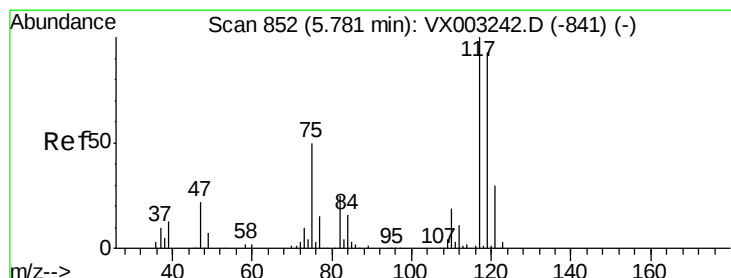
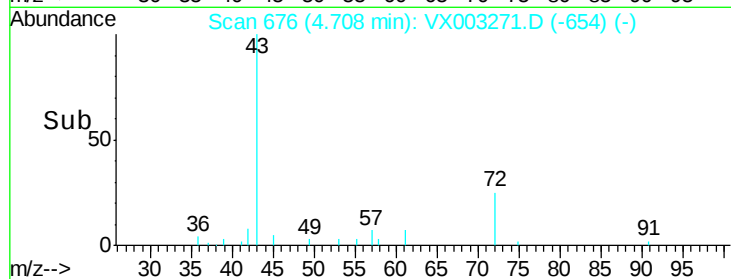
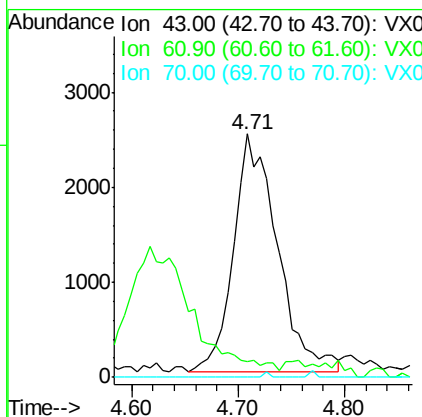
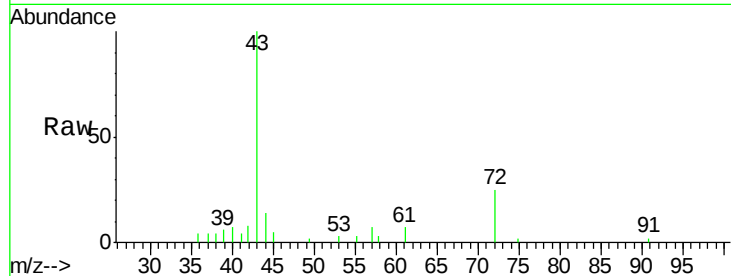




#37
Ethyl Acetate
Concen: 1.34 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.16 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

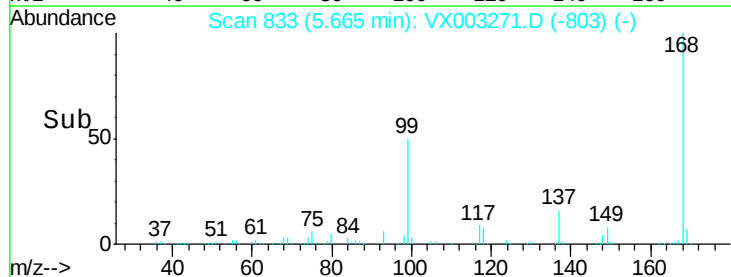
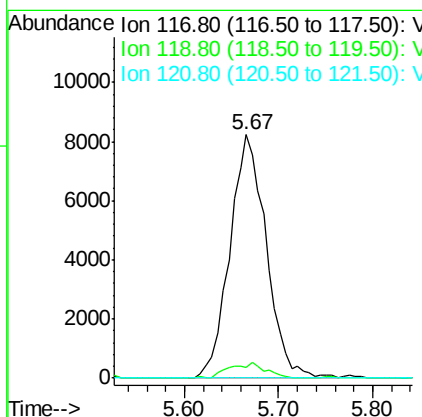
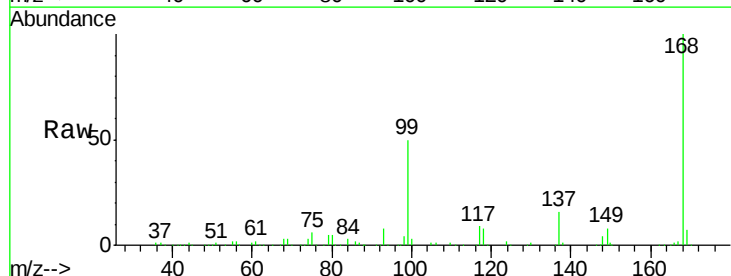
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

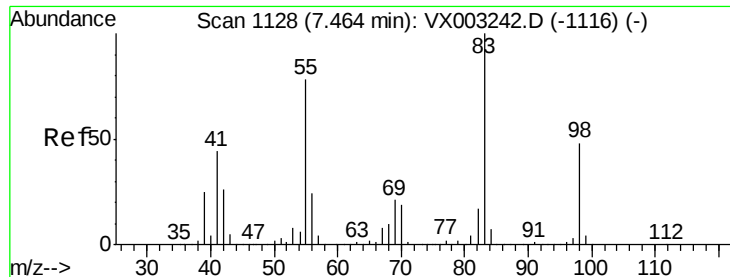
Tot Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.3 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 4.09 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 117 Resp: 22128
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.4 36.6#

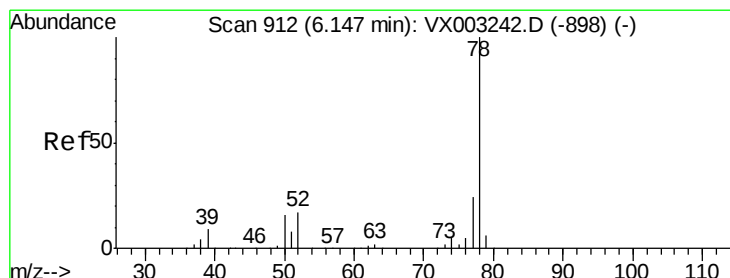
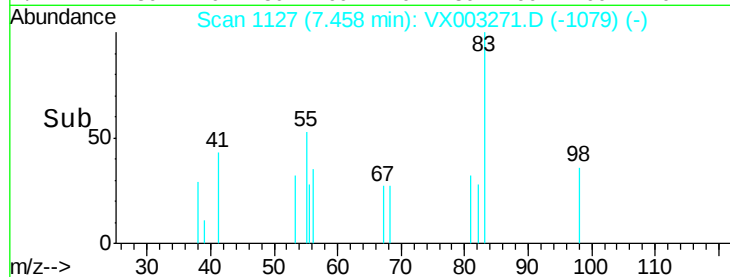
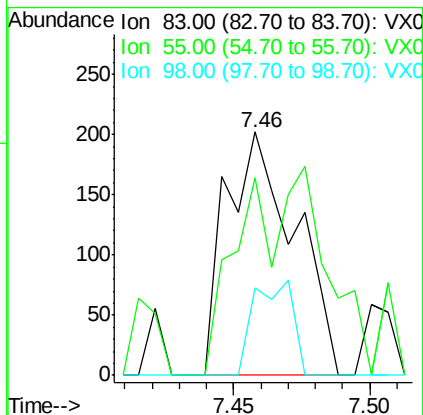
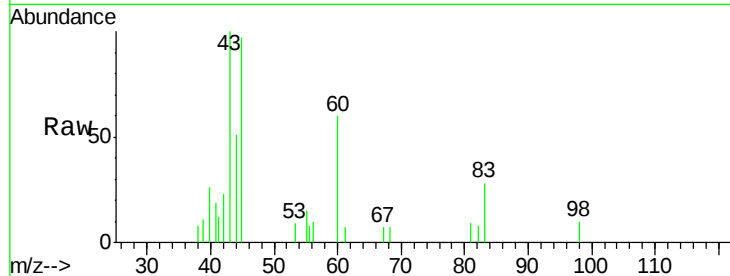




#39
Methvlcvclohexane
Concen: 0.06 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

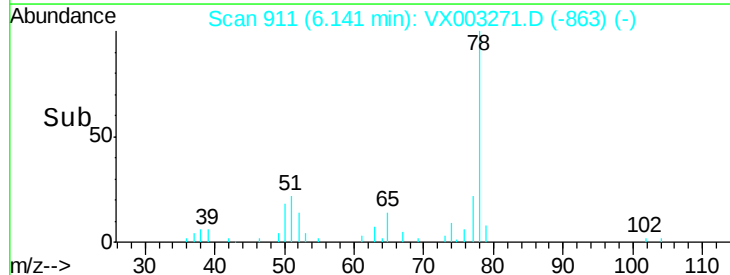
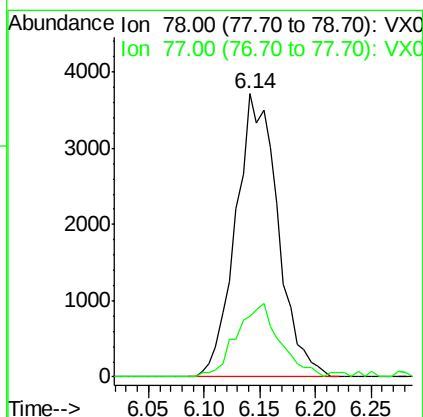
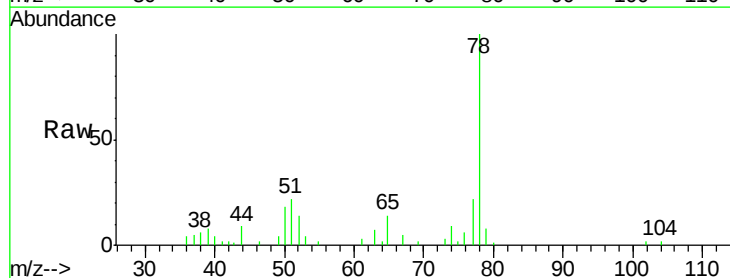
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

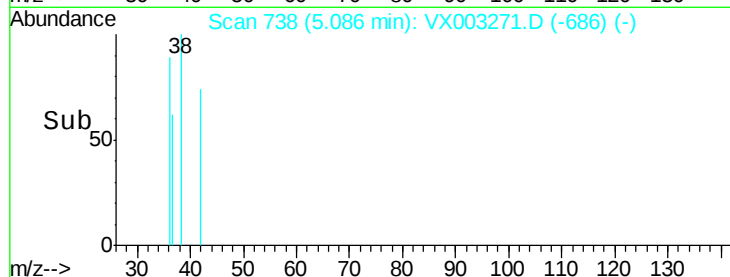
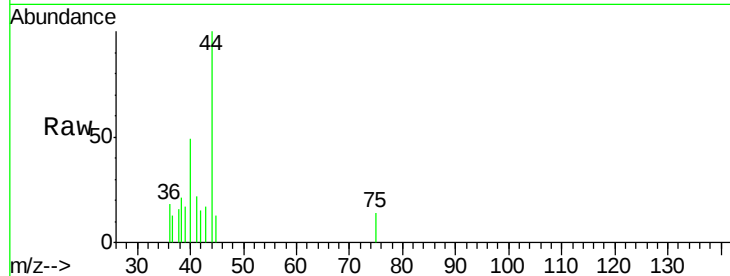
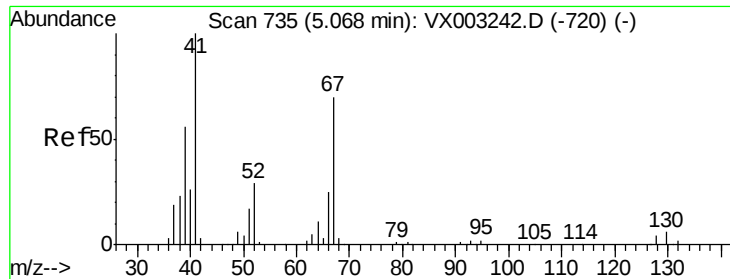
Tot Ion: 83 Resp: 354
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 36.1 37.4 56.0#



#40
Benzene
Concen: 0.67 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 78 Resp: 9803
Ion Ratio Lower Upper
78 100
77 21.6 19.1 28.7

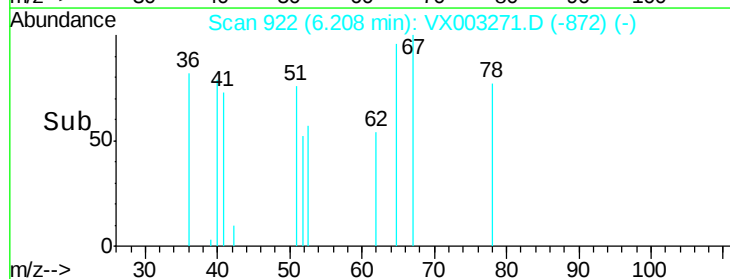
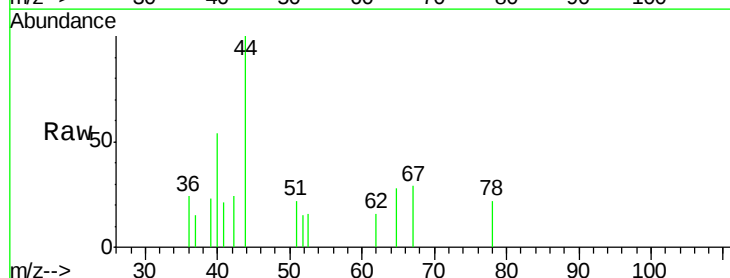
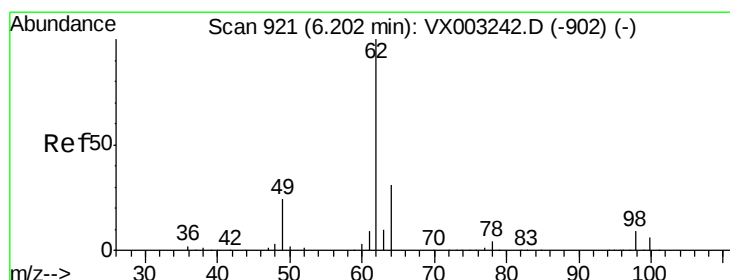
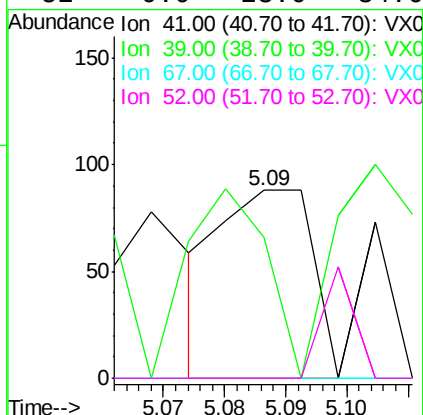




#41
Methacrylonitrile
Concen: 0.03 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.02 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

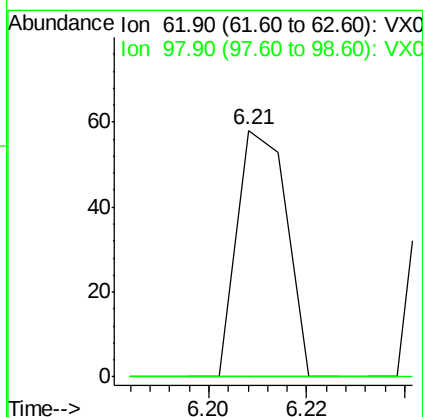
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

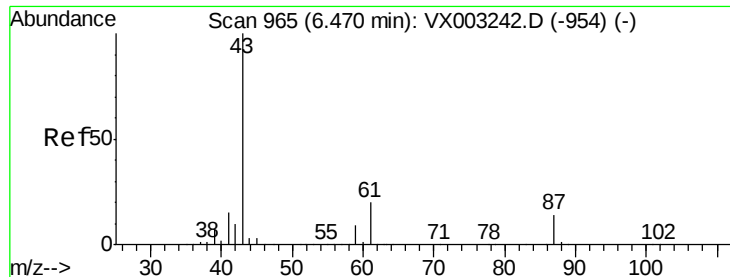
Tot Ion:	41	Resp:	91
Ion	Ratio	Lower	Upper
41	100		
39	87.9	45.8	68.6#
67	0.0	51.3	76.9#
52	0.0	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 0.01 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:	62	Resp:	41
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 0.07 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.02 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

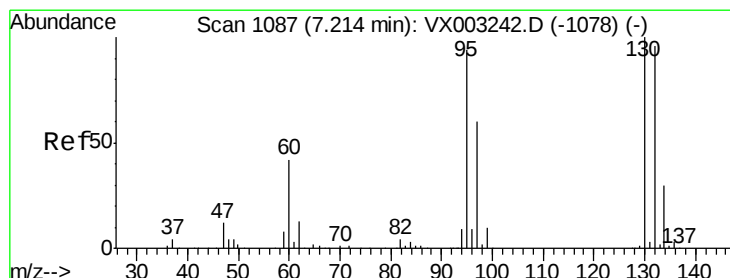
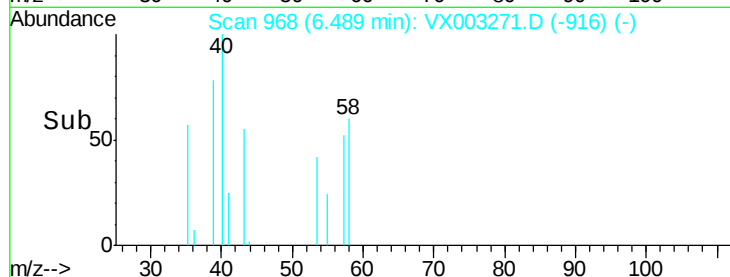
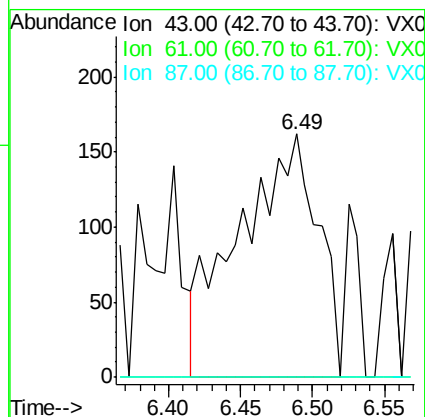
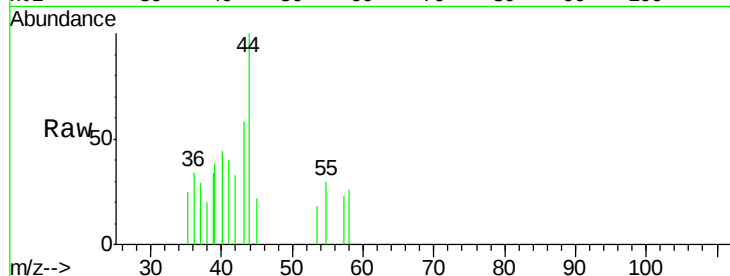
Tot Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 9.5 14.3#



#44

Trichloroethene

Concen: 5.26 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003271.D

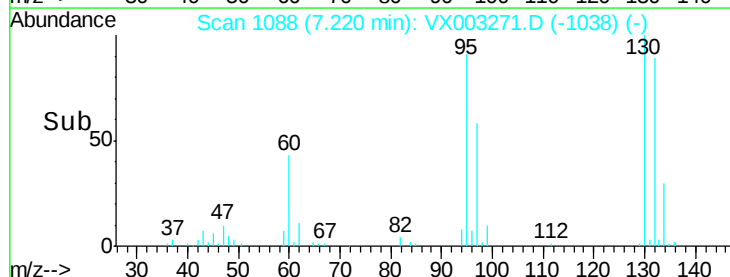
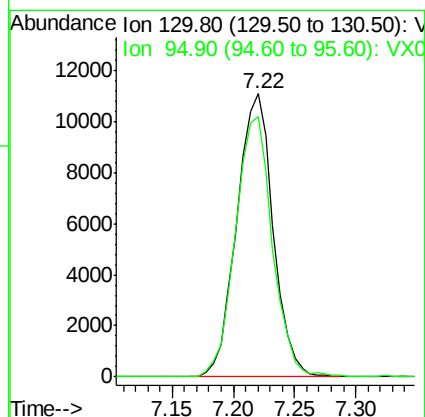
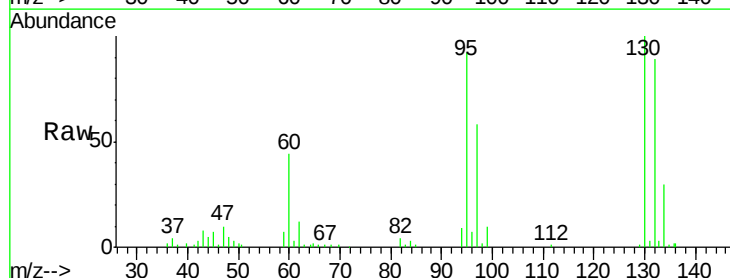
Acq: 10 Jul 2018 03:37

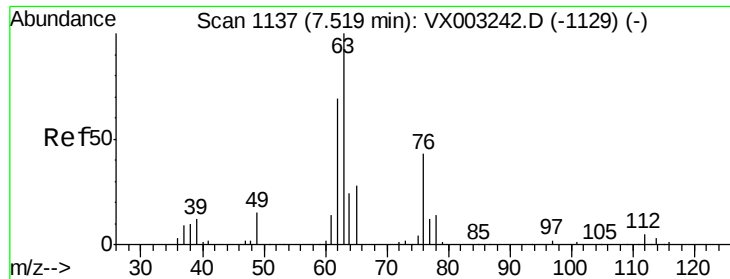
Tgt Ion:130 Resp: 22830

Ion Ratio Lower Upper

130 100

95 91.5 0.0 185.4





#45

1,2-Dichloropropane

Concen: 0.00 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

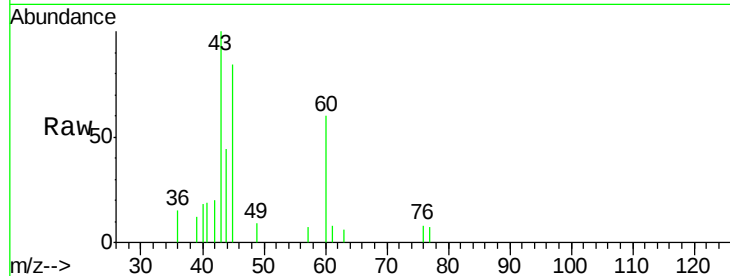
TP-9-S

Tot Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#

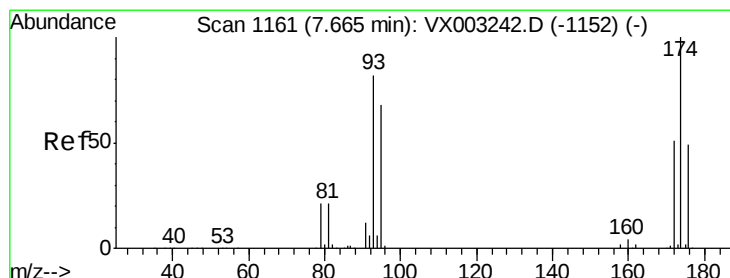
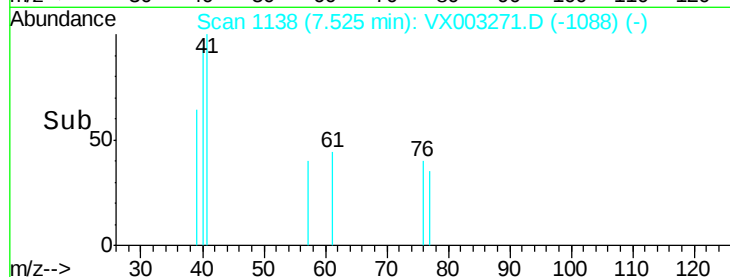


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

Time-->



#46

Dibromomethane

Concen: 0.01 ug/l

RT: 7.73 min Scan# 1171

Delta R.T. 0.06 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

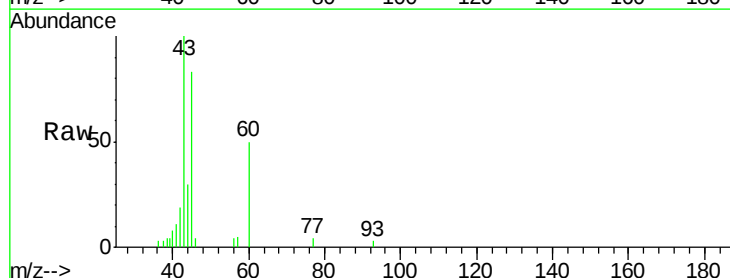
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

95 0.0 65.9 98.9#

174 0.0 92.4 138.6#



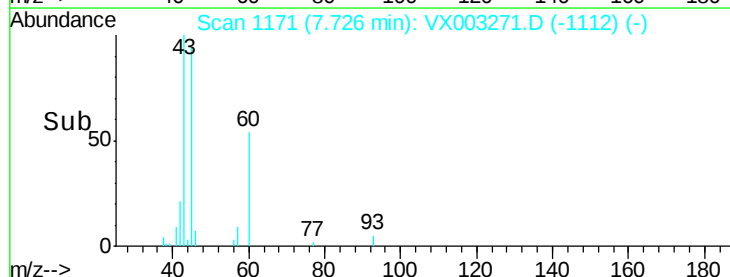
Abundance Ion 92.80 (92.50 to 93.50): VX0

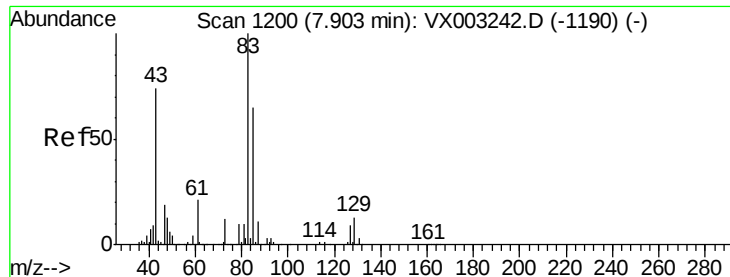
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.73

Time-->





#47

Bromodichloromethane

Concen: 0.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

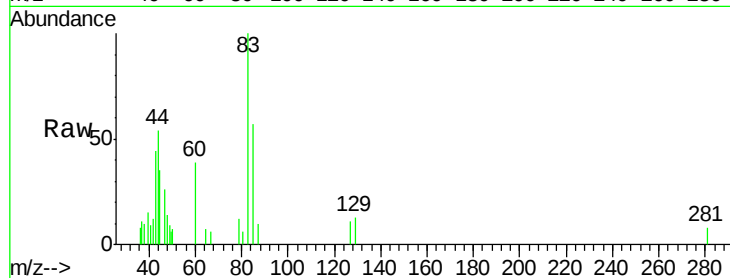
Tot Ion: 83 Resp: 1506

Ion Ratio Lower Upper

83 100

85 57.2 50.3 75.5

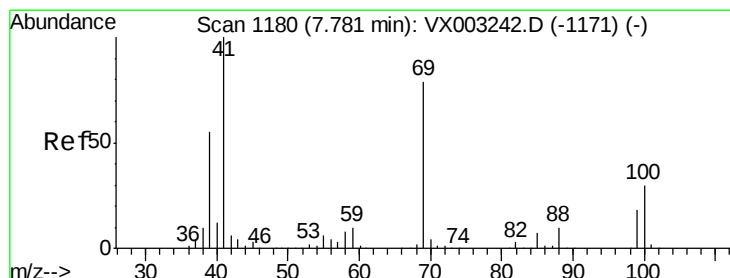
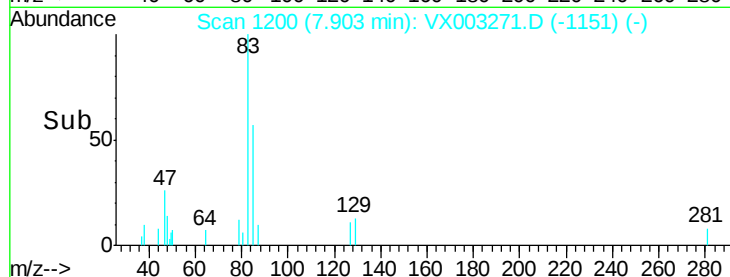
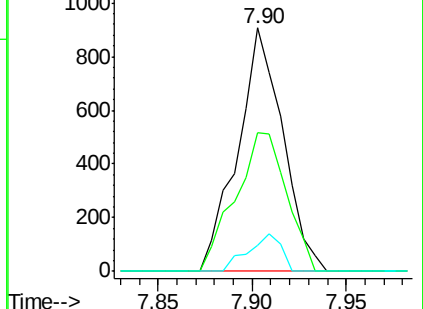
127 10.6 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.35 ug/l

RT: 7.68 min Scan# 1164

Delta R.T. -0.10 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

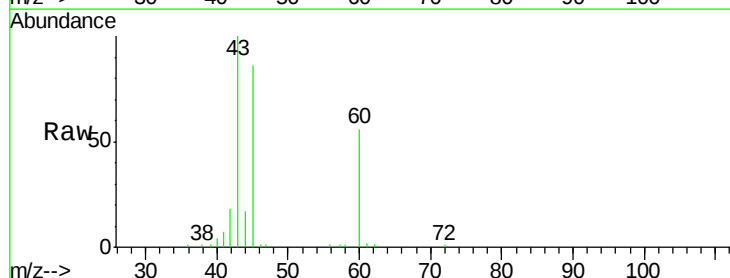
Tgt Ion: 41 Resp: 1522

Ion Ratio Lower Upper

41 100

69 1.3 59.1 88.7#

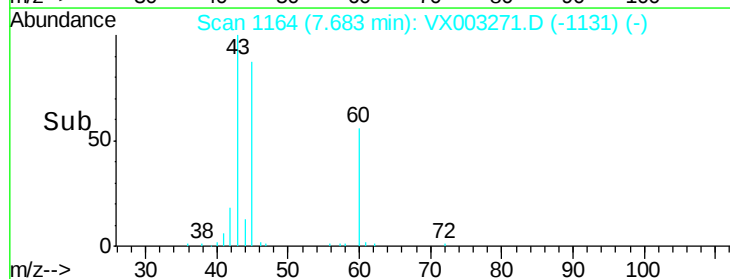
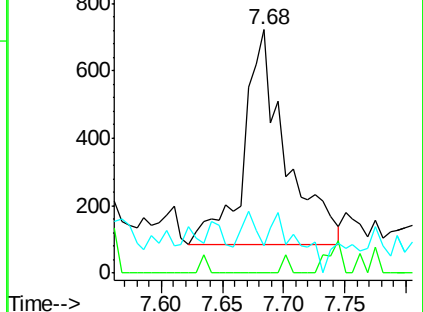
39 18.5 48.9 73.3#

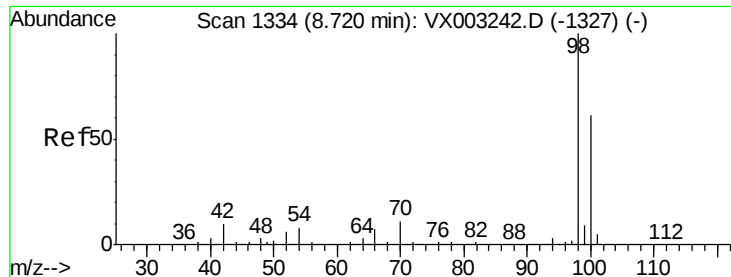


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 37.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

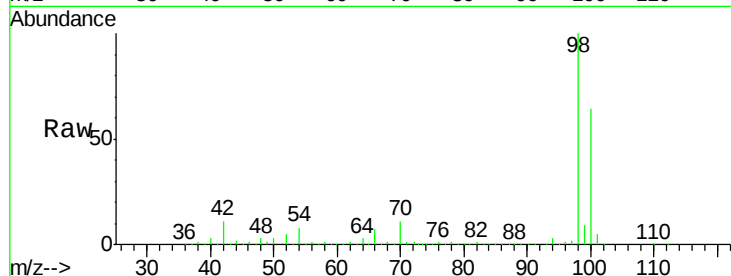
TP-9-S

Tot Ion: 98 Resp: 493802

Ion Ratio Lower Upper

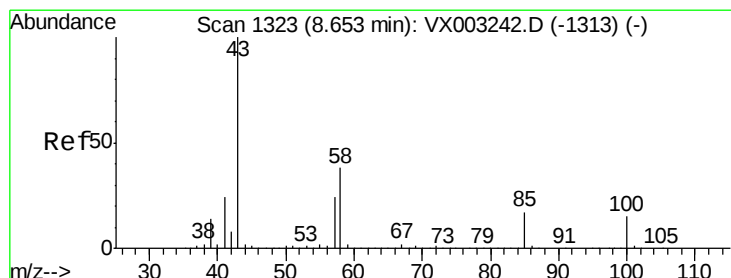
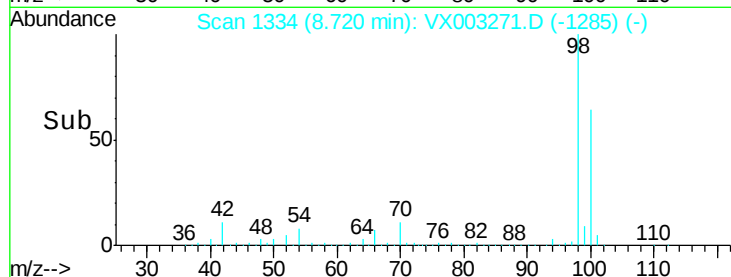
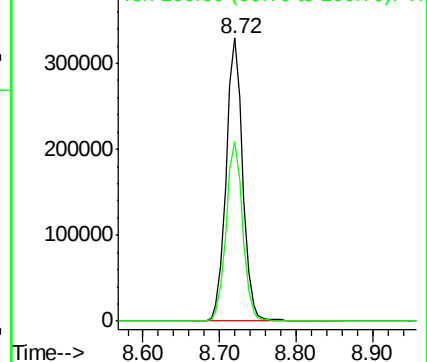
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.33 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX003271.D

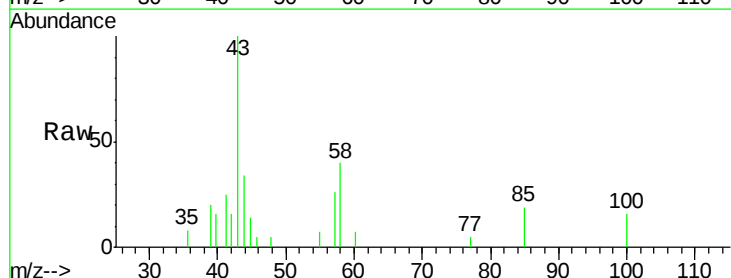
Acq: 10 Jul 2018 03:37

Tgt Ion: 43 Resp: 1766

Ion Ratio Lower Upper

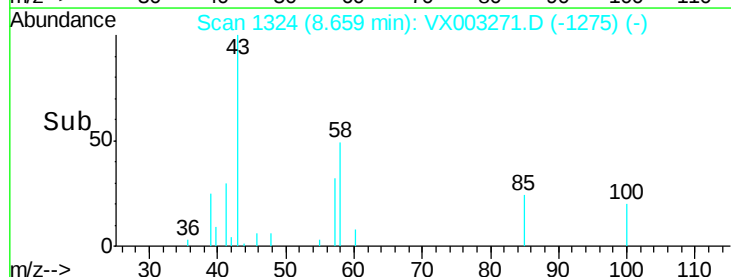
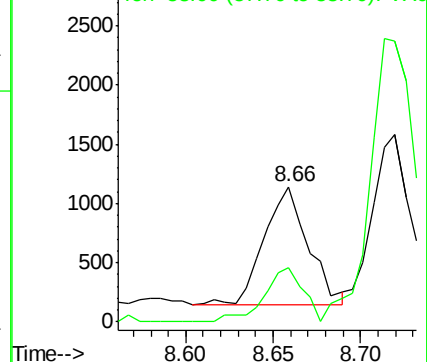
43 100

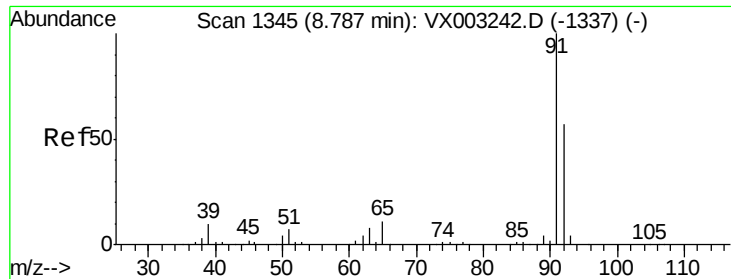
58 40.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.37 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

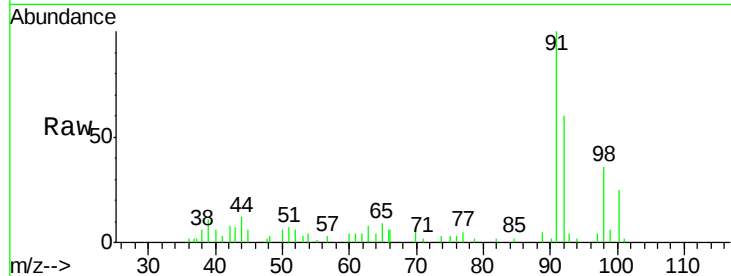
TP-9-S

Tot Ion: 92 Resp: 3421

Ion Ratio Lower Upper

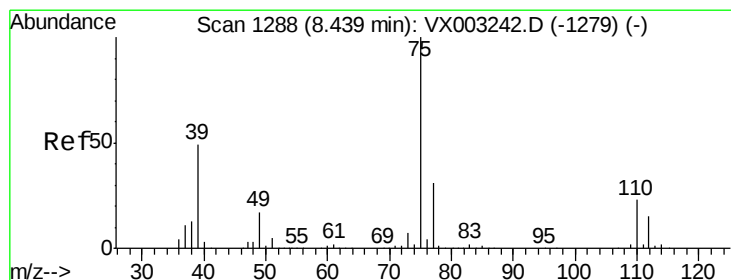
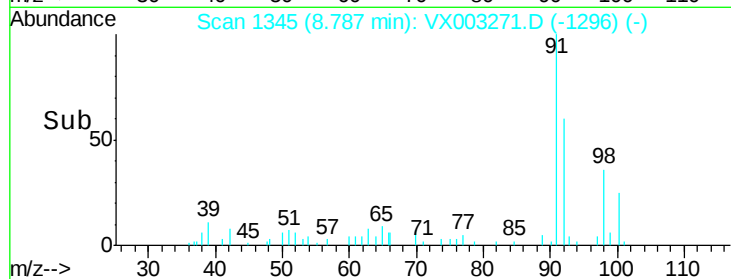
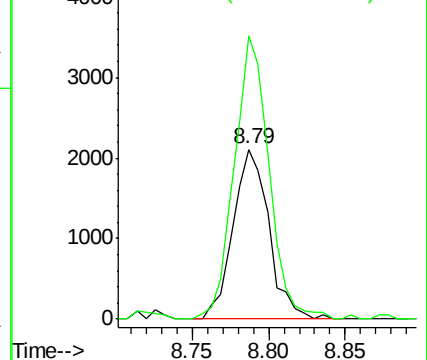
92 100

91 161.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.00 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX003271.D

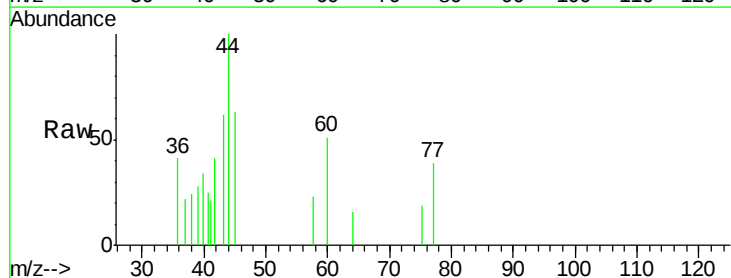
Acq: 10 Jul 2018 03:37

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

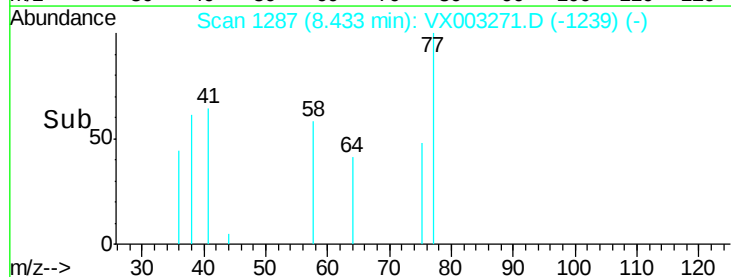
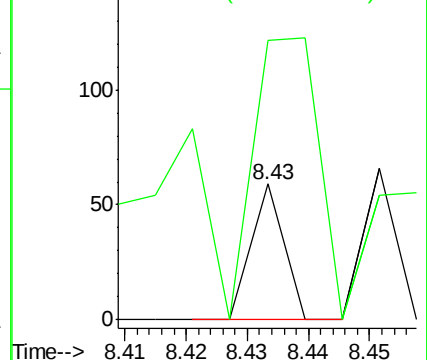
75 100

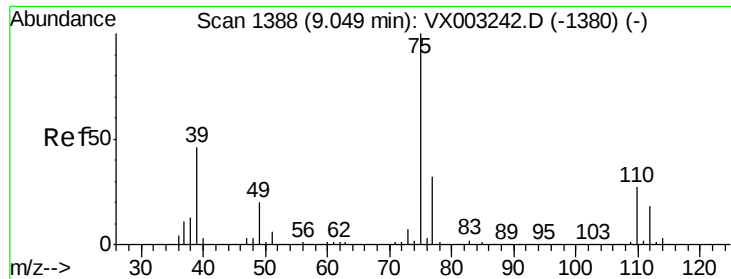
77 206.8 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.01 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

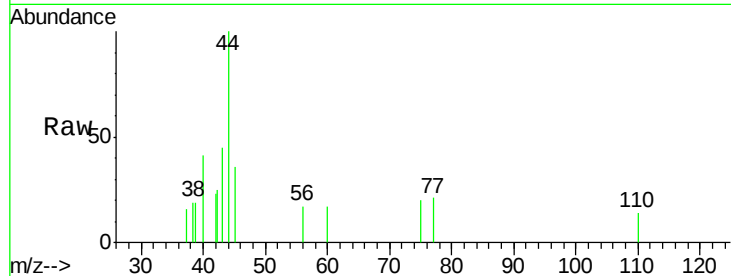
Tot Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

77 35.0 24.8 37.2

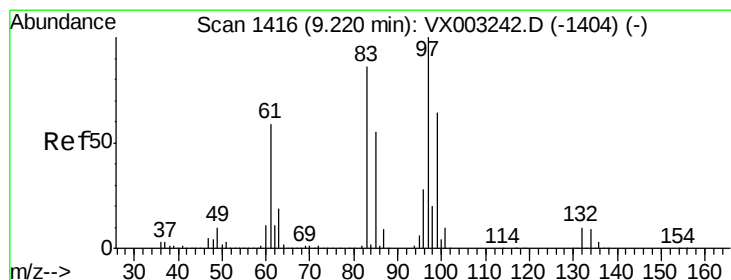
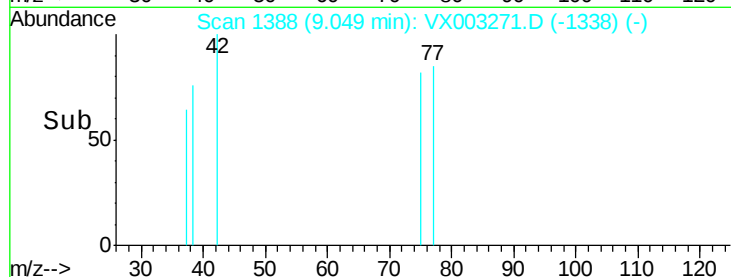
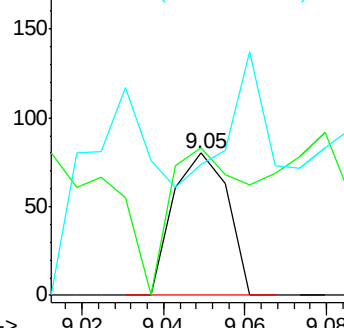
39 1.3 42.4 63.6#



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: 0.01 ug/l

RT: 8.95 min Scan# 1372

Delta R.T. -0.27 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Tgt Ion: 97 Resp: 46

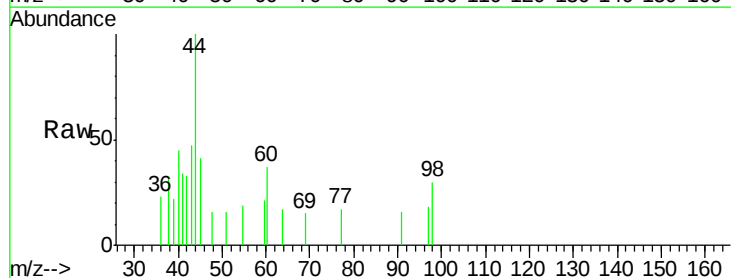
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

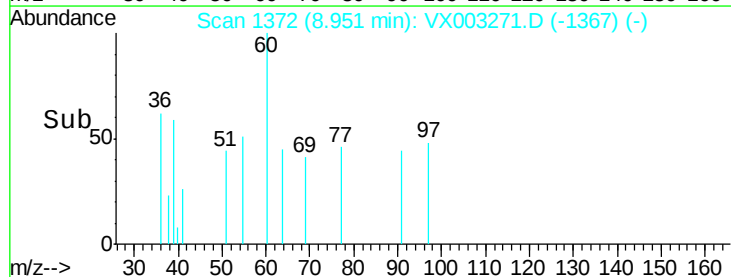
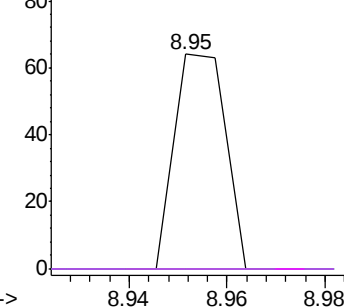


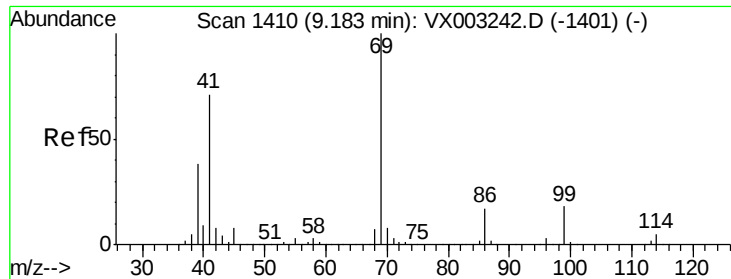
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#56

Ethyl methacrylate

Concen: 0.01 ug/l

RT: 9.15 min Scan# 1405

Delta R.T. -0.03 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

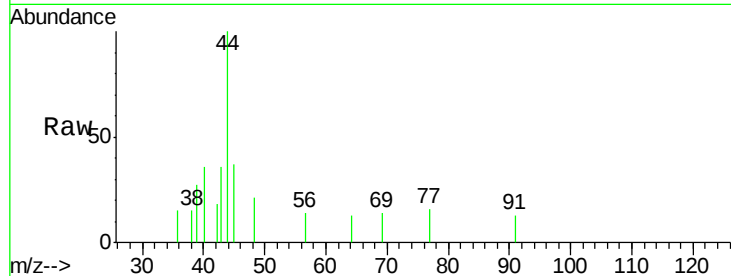
Tot Ion: 69 Resp: 39

Ion Ratio Lower Upper

69 100

41 279.5 60.3 90.5#

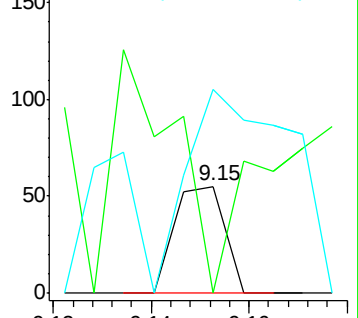
39 397.4 35.8 53.8#



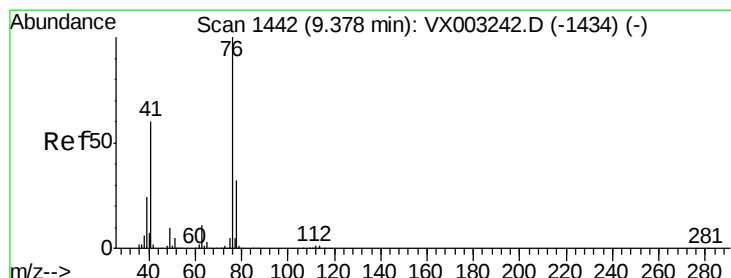
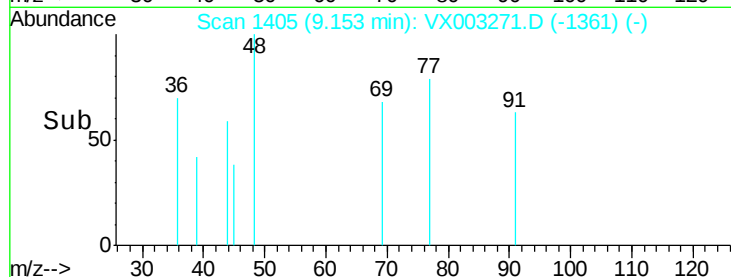
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 0.00 ug/l

RT: 9.36 min Scan# 1439

Delta R.T. -0.02 min

Lab File: VX003271.D

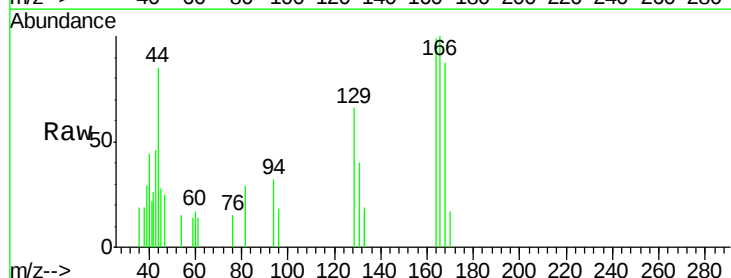
Acq: 10 Jul 2018 03:37

Tgt Ion: 76 Resp: 19

Ion Ratio Lower Upper

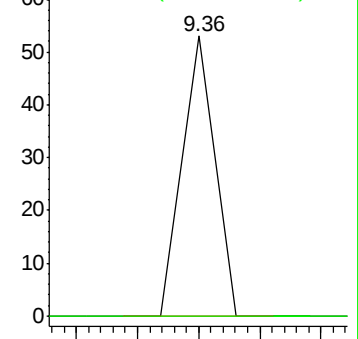
76 100

78 0.0 25.8 38.6#

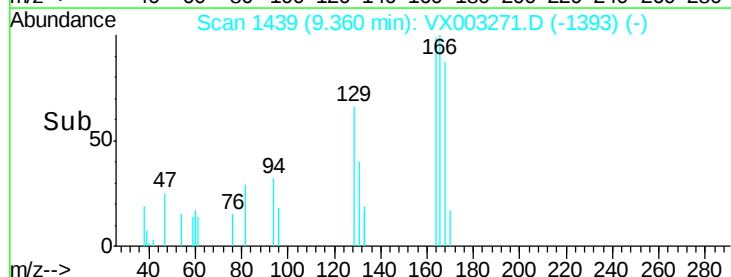


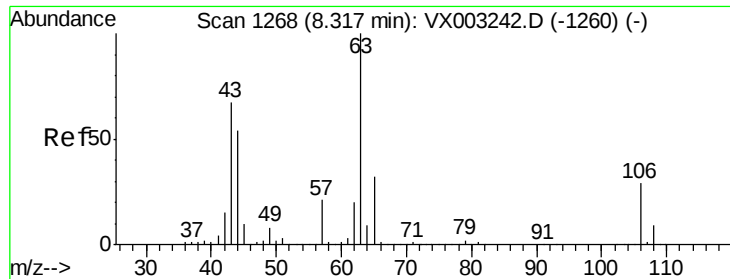
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

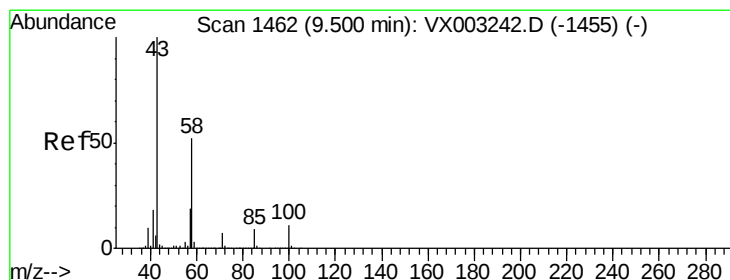
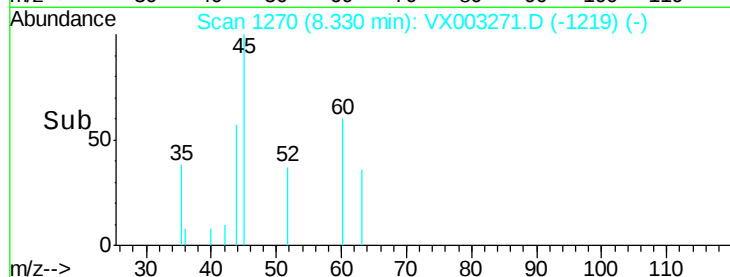
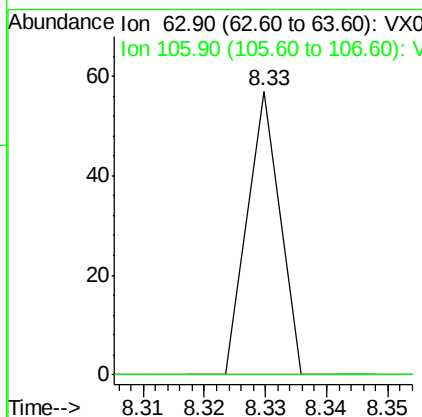
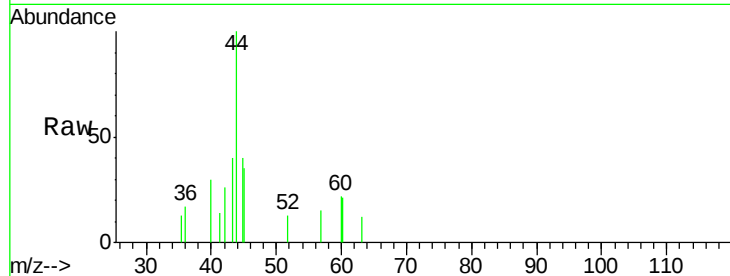




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.01 ug/l
 RT: 8.33 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

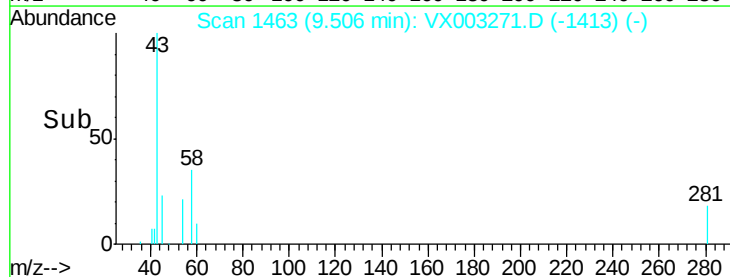
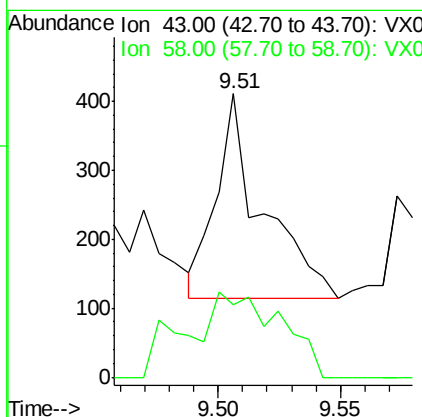
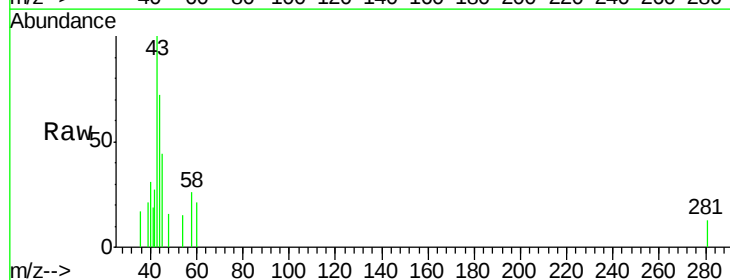
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

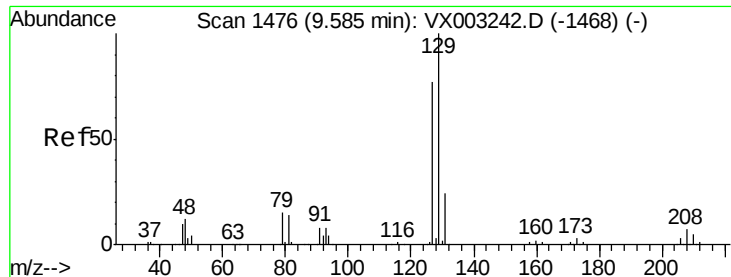
Tot Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#



#59
 2-Hexanone
 Concen: 0.10 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

Tgt Ion: 43 Resp: 389
 Ion Ratio Lower Upper
 43 100
 58 59.1 24.6 73.6





#60

Dibromochloromethane

Concen: 0.10 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

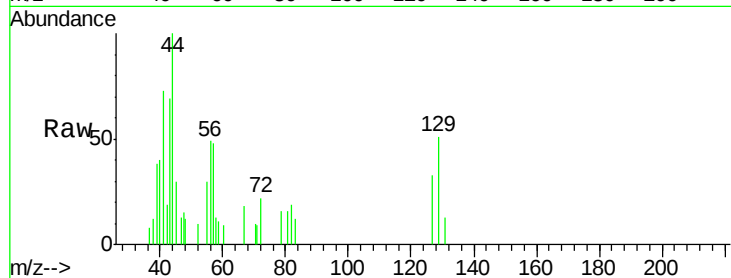
TP-9-S

Tot Ion:129 Resp: 385

Ion Ratio Lower Upper

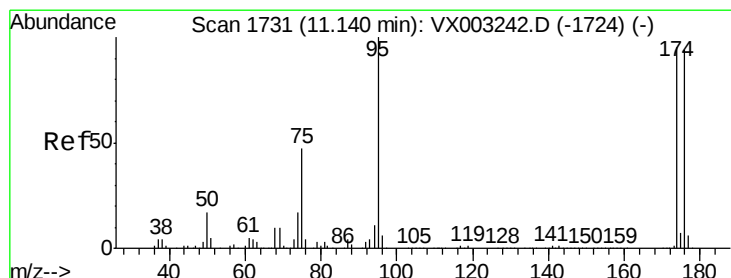
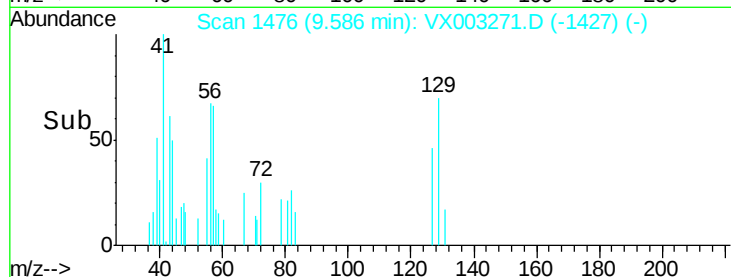
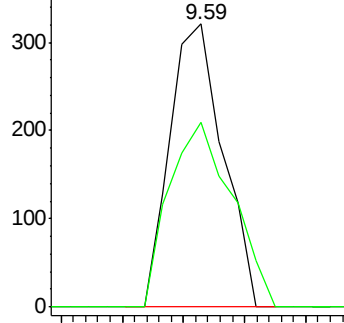
129 100

127 77.9 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: 34.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

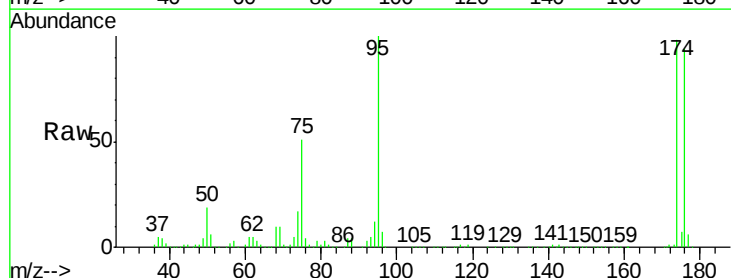
Tgt Ion: 95 Resp: 172547

Ion Ratio Lower Upper

95 100

174 100.4 0.0 187.4

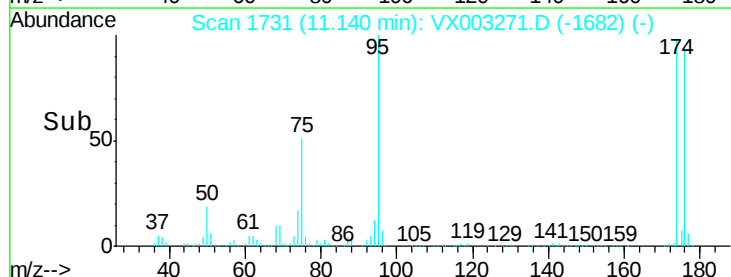
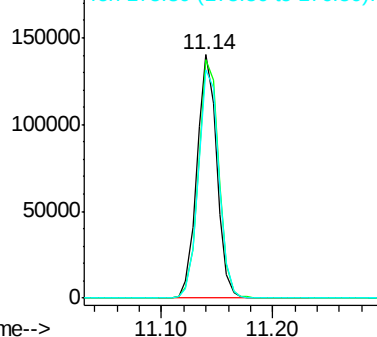
176 97.3 0.0 181.0

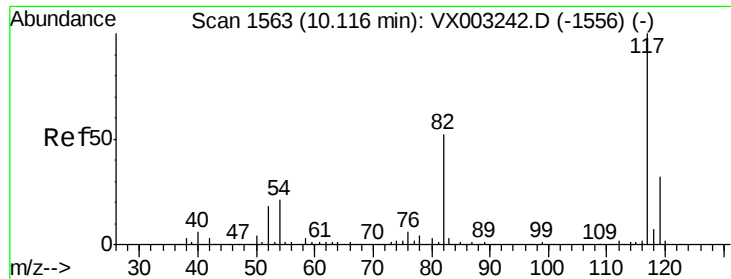


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

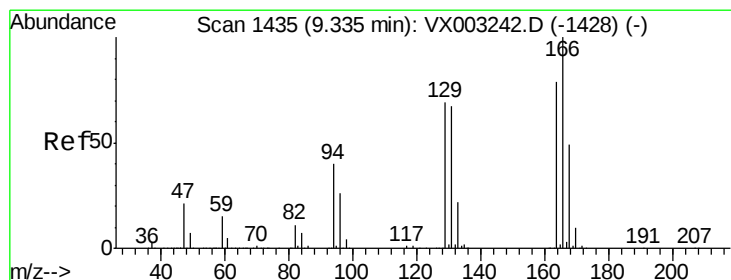
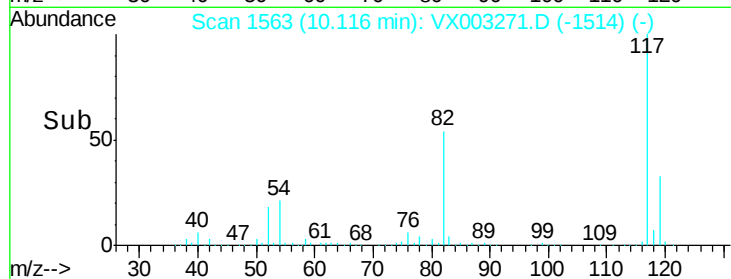
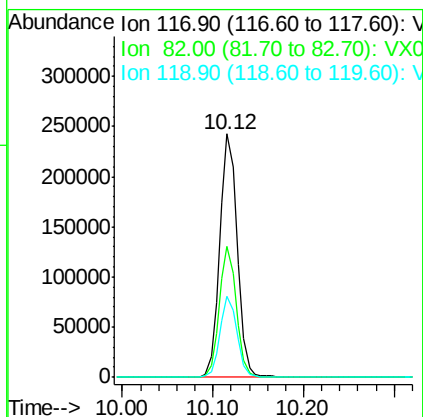
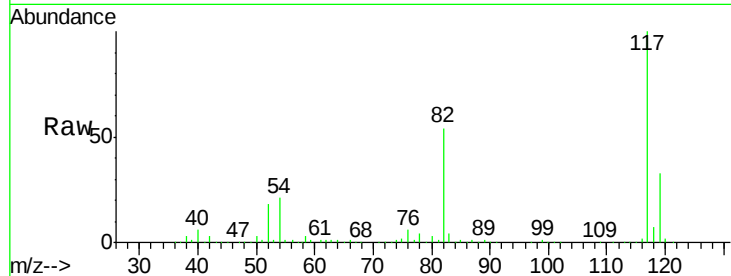




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

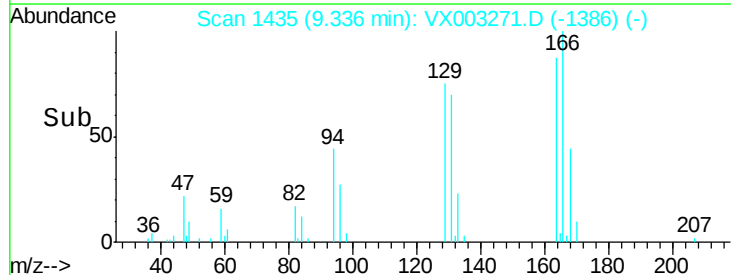
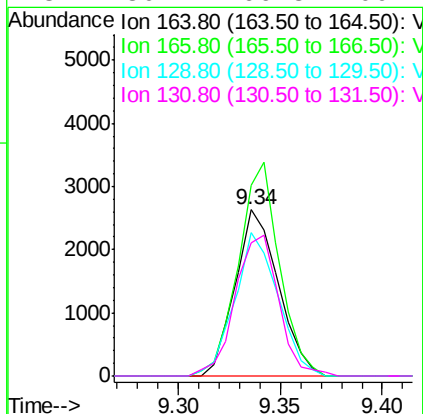
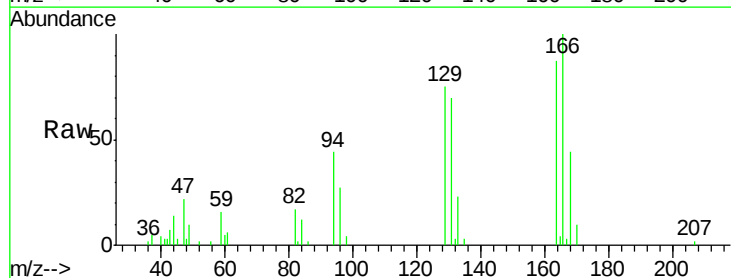
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

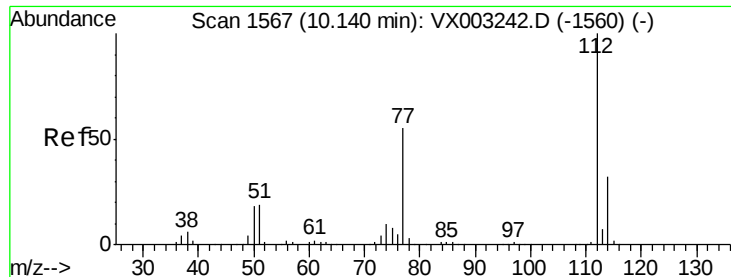
Tot Ion:117 Resp: 328171
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 33.3 25.8 38.6



#64
Tetrachloroethene
Concen: 0.78 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:164 Resp: 3875
Ion Ratio Lower Upper
164 100
166 115.0 102.9 154.3
129 86.3 68.6 102.8
131 80.4 66.8 100.2

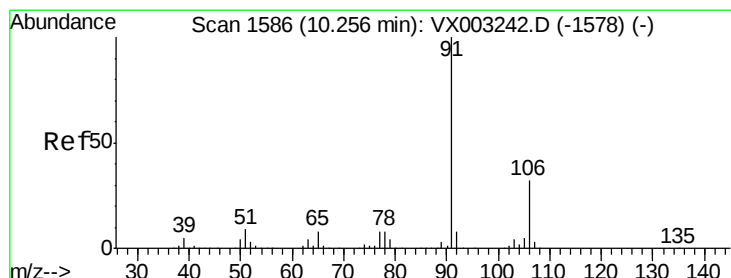
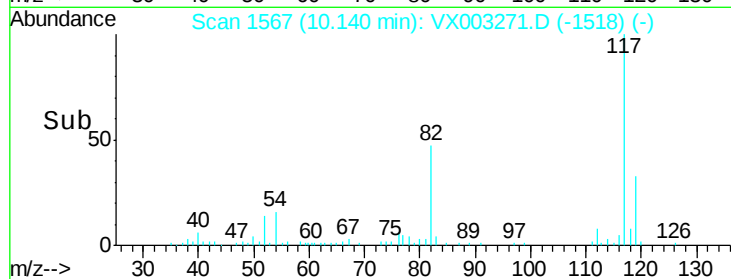
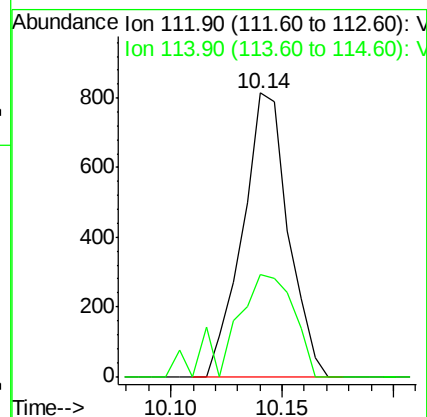
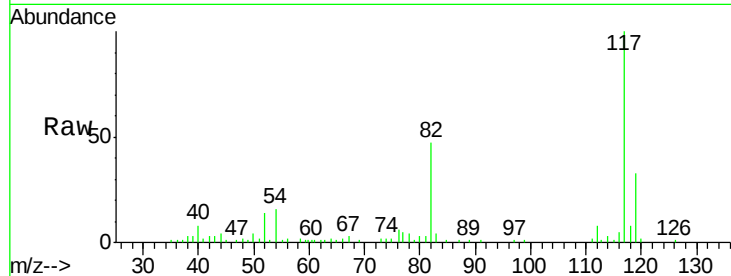




#65
Chlorobenzene
Concen: 0.10 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

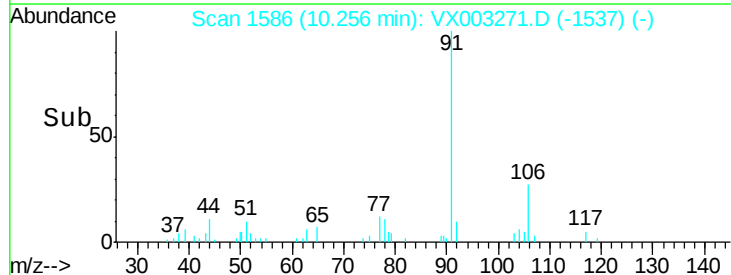
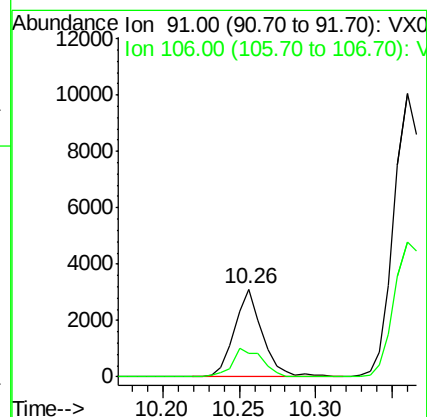
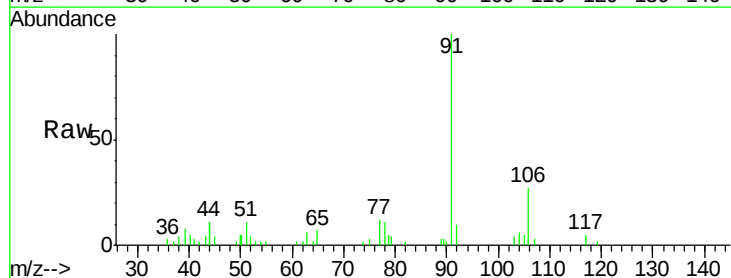
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

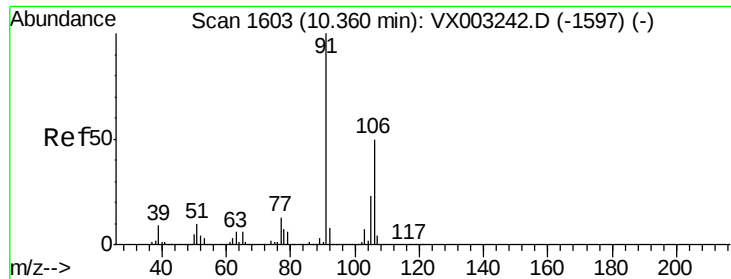
Tot Ion:112 Resp: 1162
Ion Ratio Lower Upper
112 100
114 35.9 25.3 37.9



#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 91 Resp: 3940
Ion Ratio Lower Upper
91 100
106 27.4 25.5 38.3

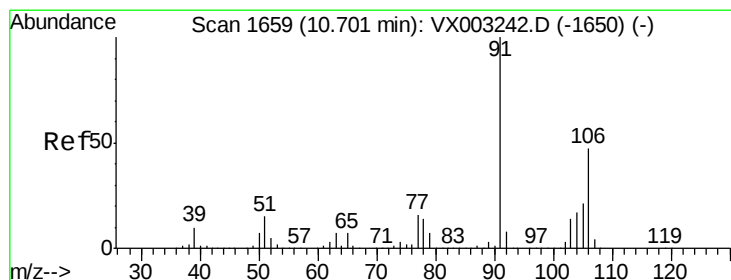
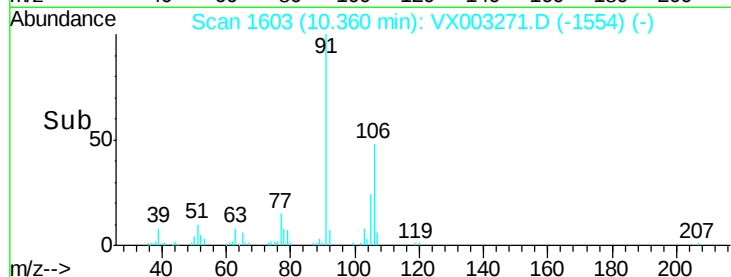
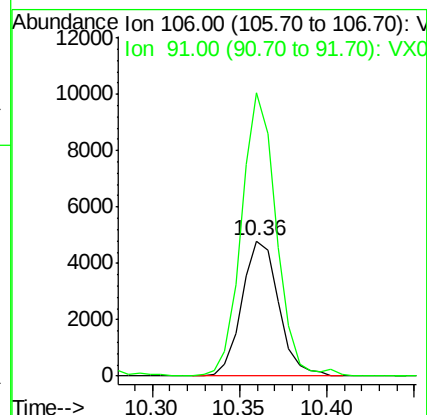
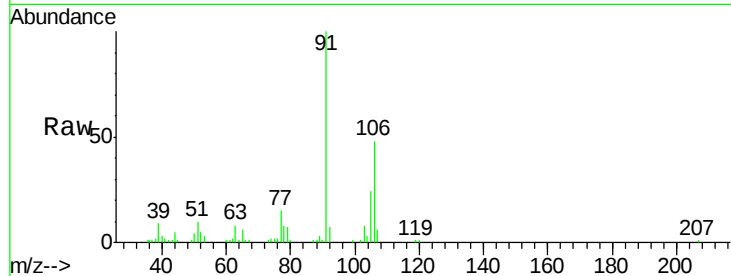




#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

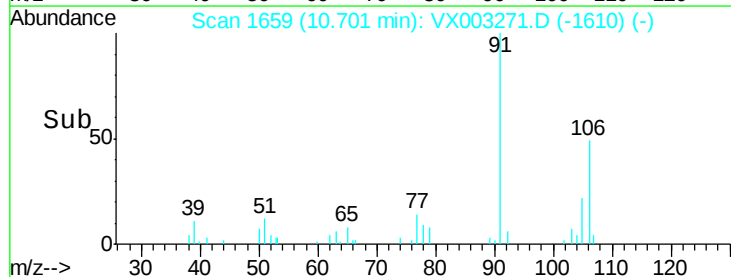
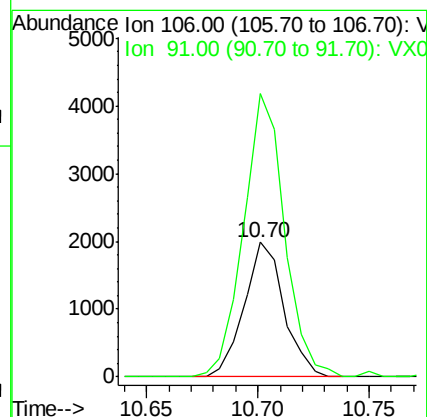
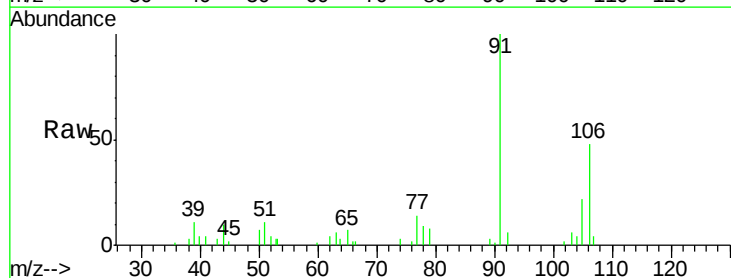
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

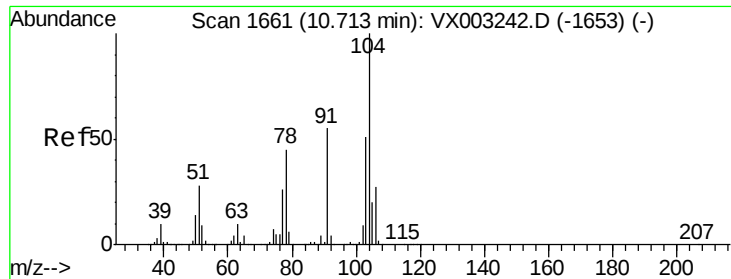
Tot Ion:106 Resp: 7009
Ion Ratio Lower Upper
106 100
91 198.1 163.4 245.2



#69
o-Xylene
Concen: 0.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:106 Resp: 2480
Ion Ratio Lower Upper
106 100
91 216.5 108.2 324.6





#70

Stvrene

Concen: 0.08 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

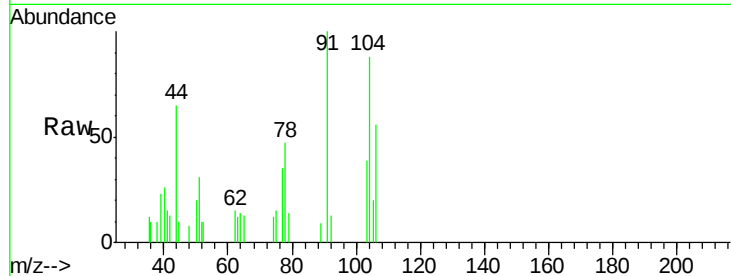
Tot Ion:104 Resp: 841

Ion Ratio Lower Upper

104 100

78 92.7 41.0 61.6#

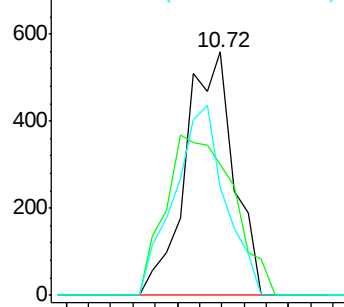
103 82.5 44.2 66.4#



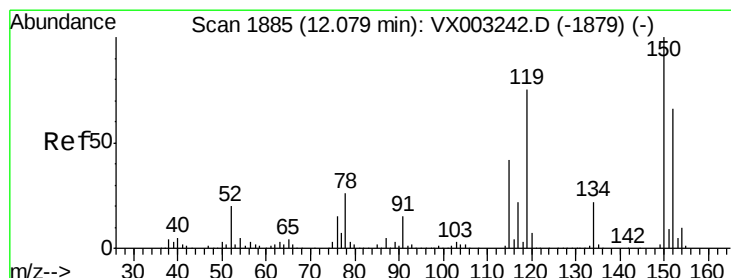
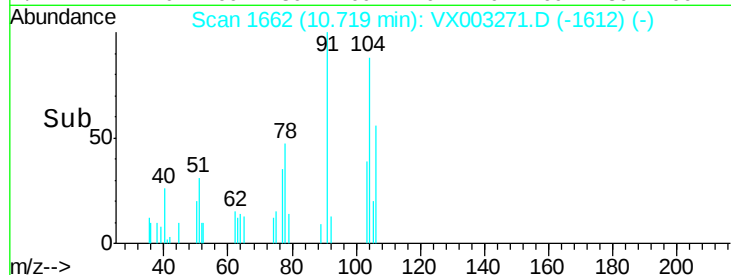
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

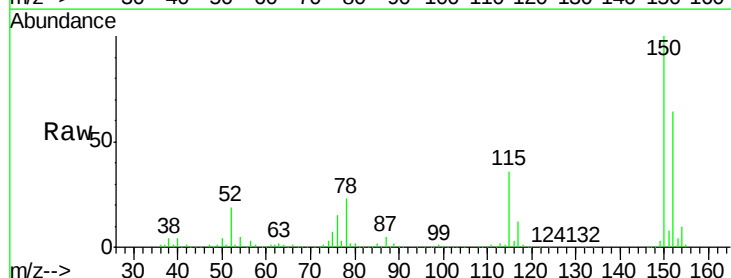
Tgt Ion:152 Resp: 189644

Ion Ratio Lower Upper

152 100

115 53.1 40.1 120.2

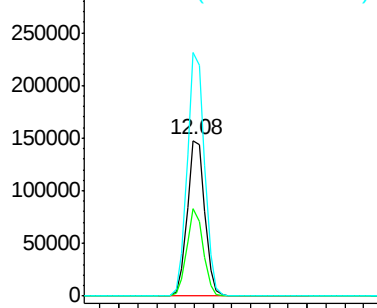
150 155.7 0.0 347.2



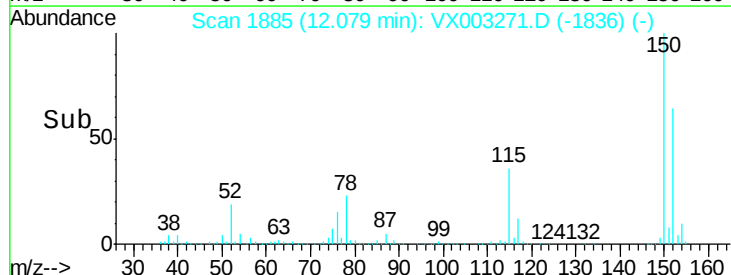
Abundance Ion 151.90 (151.60 to 152.60): V

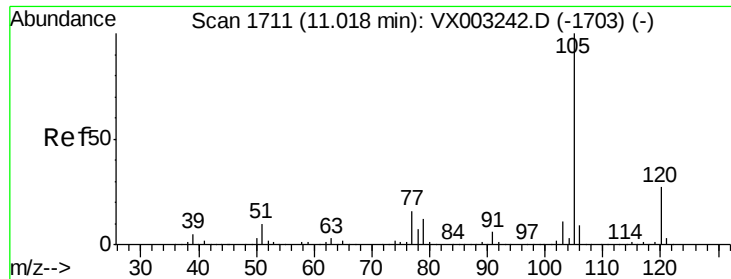
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 0.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

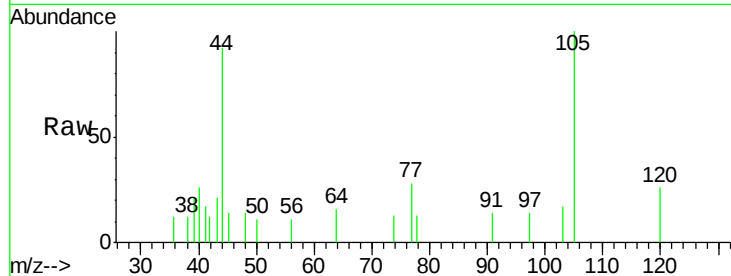
TP-9-S

Tot Ion:105 Resp: 524

Ion Ratio Lower Upper

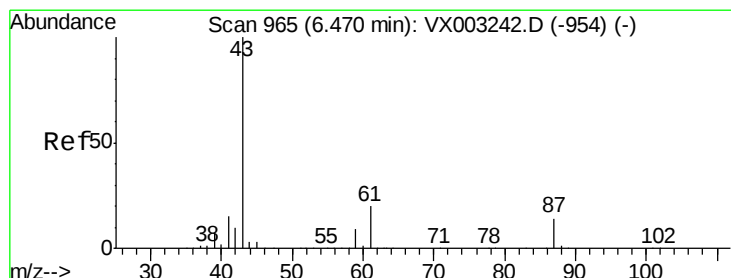
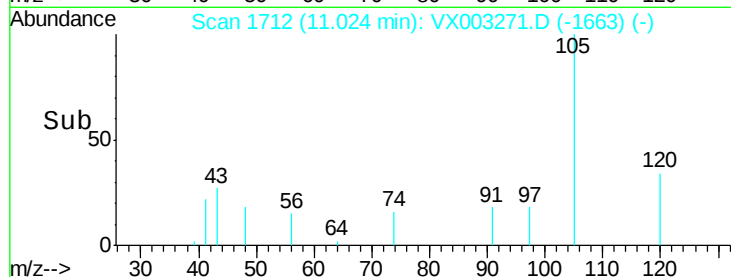
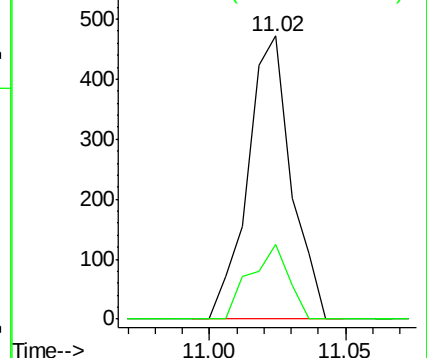
105 100

120 23.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.09 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.02 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Tgt Ion: 43 Resp: 616

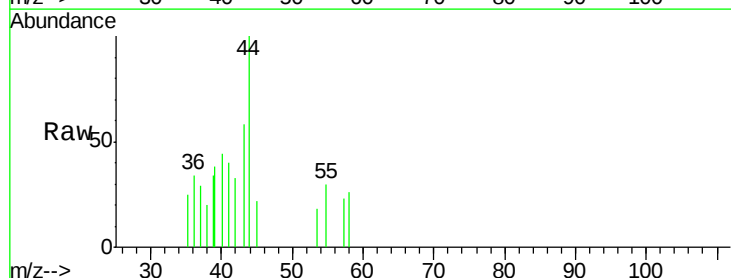
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 8.8 0.0 0.0#

61 0.0 14.4 21.6#

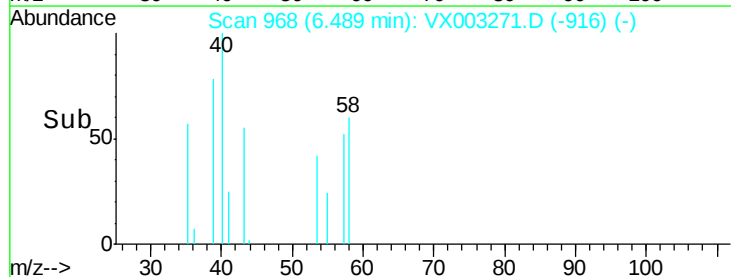
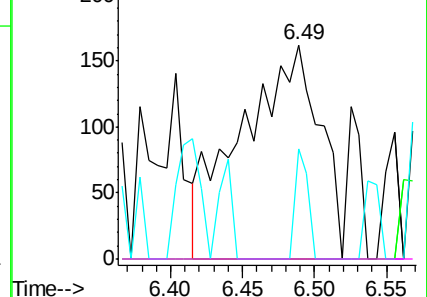


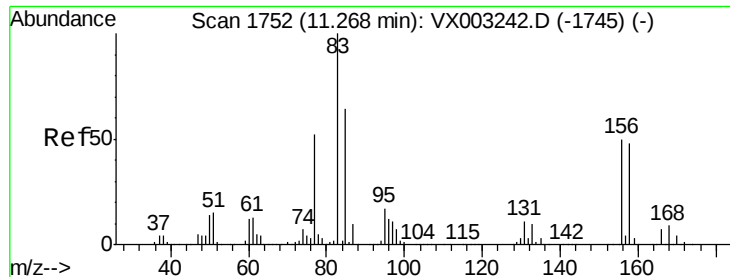
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.00 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.02 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

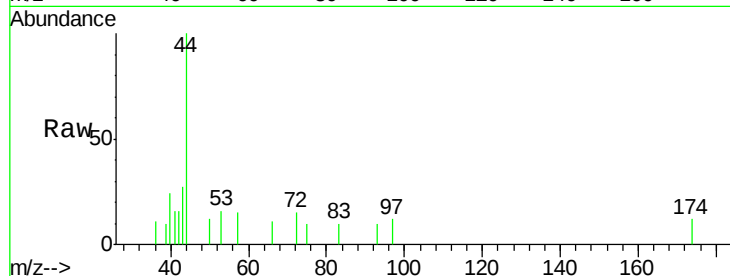
Tot Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

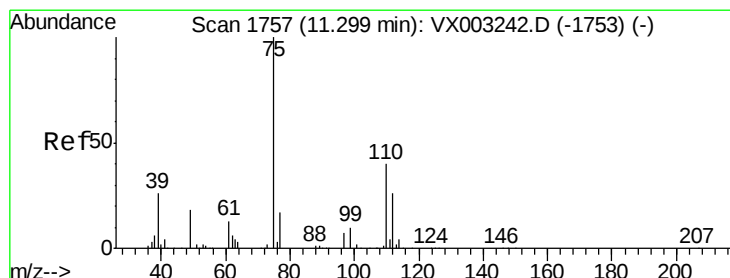
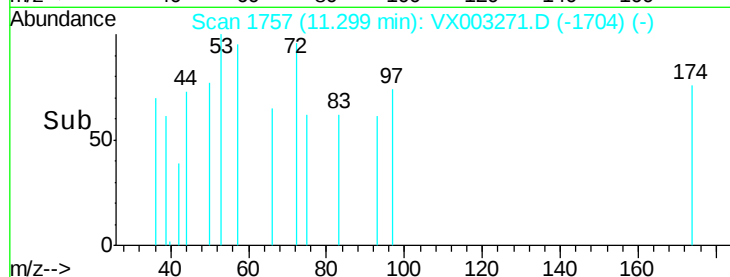
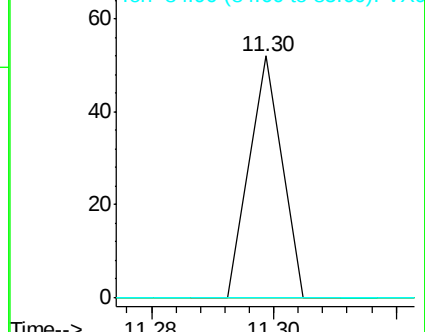
85 0.0 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003271.D

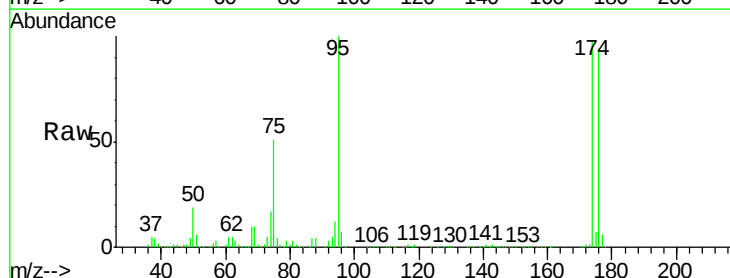
Acq: 10 Jul 2018 03:37

Tgt Ion: 75 Resp: 86788

Ion Ratio Lower Upper

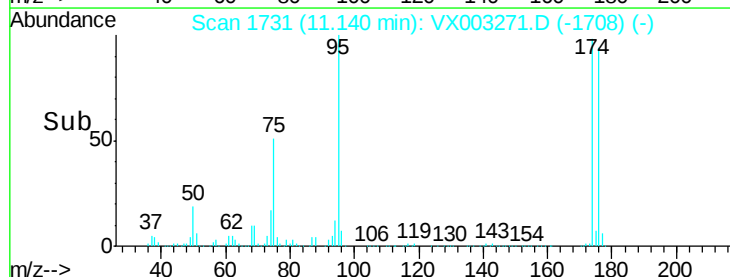
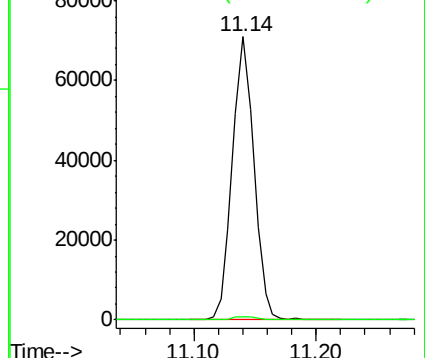
75 100

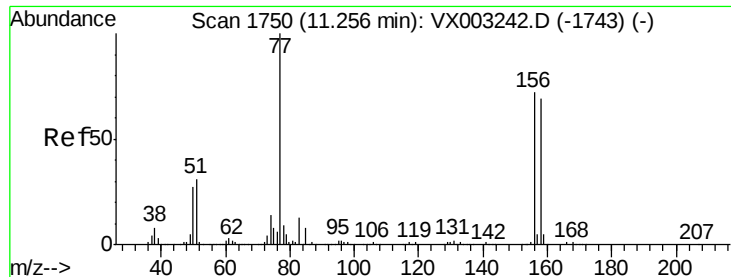
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

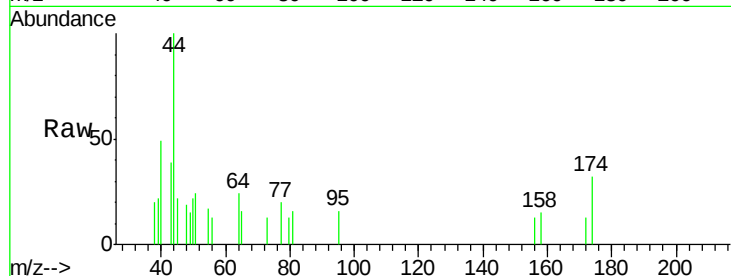
Tot Ion:156 Resp: 20

Ion Ratio Lower Upper

156 100

77 835.0 71.4 214.2#

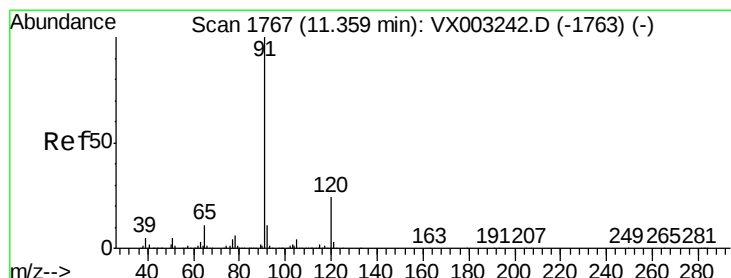
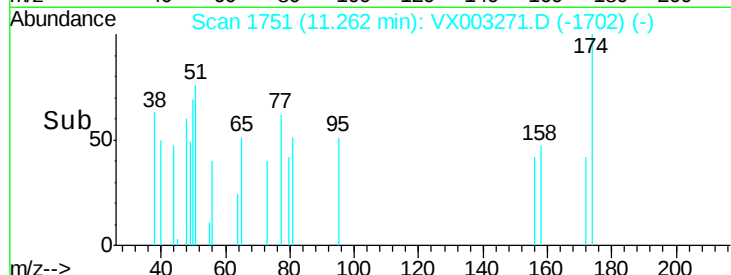
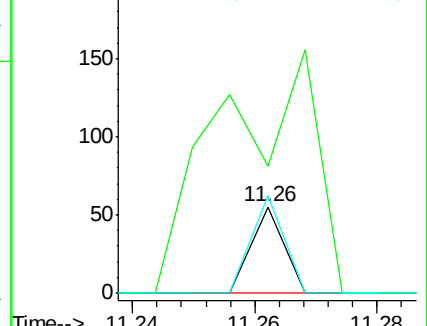
158 115.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003271.D

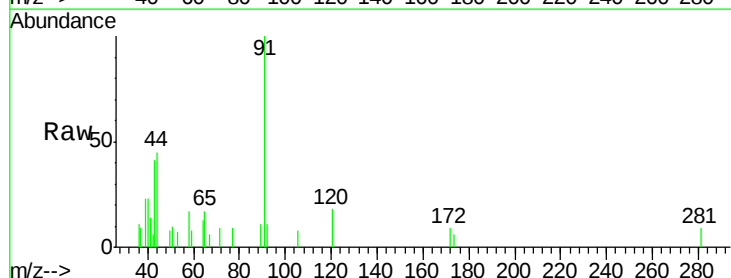
Acq: 10 Jul 2018 03:37

Tgt Ion: 91 Resp: 1006

Ion Ratio Lower Upper

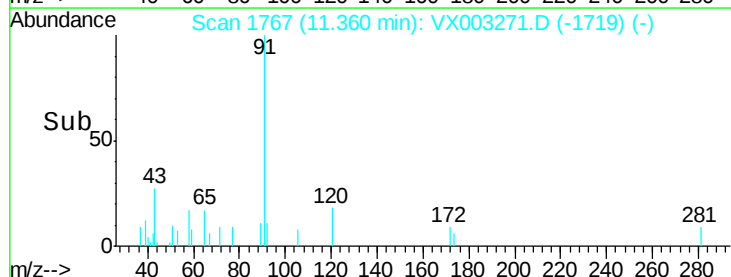
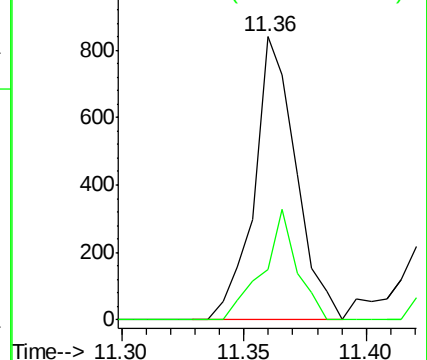
91 100

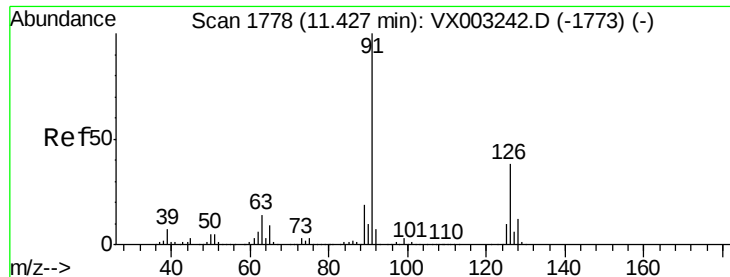
120 31.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

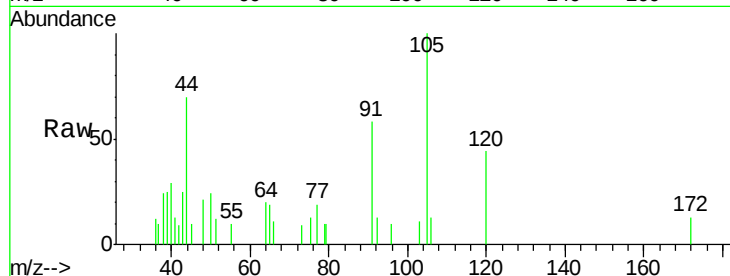
TP-9-S

Tot Ion: 91 Resp: 664

Ion Ratio Lower Upper

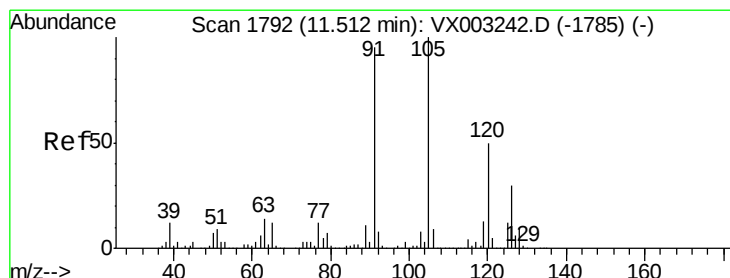
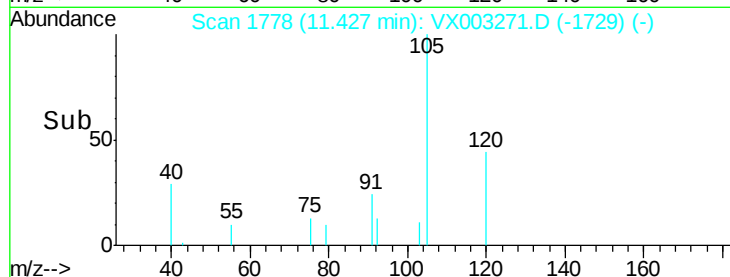
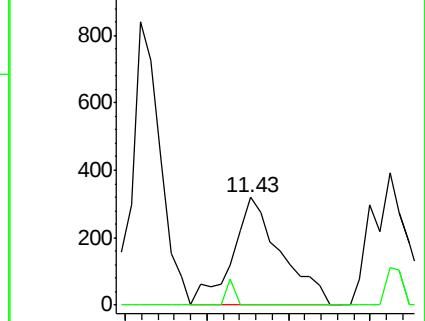
91 100

126 4.2 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003271.D

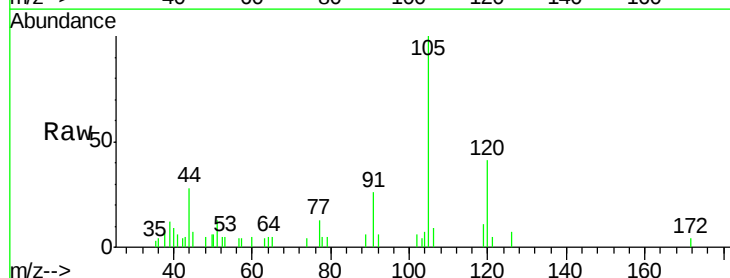
Acq: 10 Jul 2018 03:37

Tgt Ion: 105 Resp: 1849

Ion Ratio Lower Upper

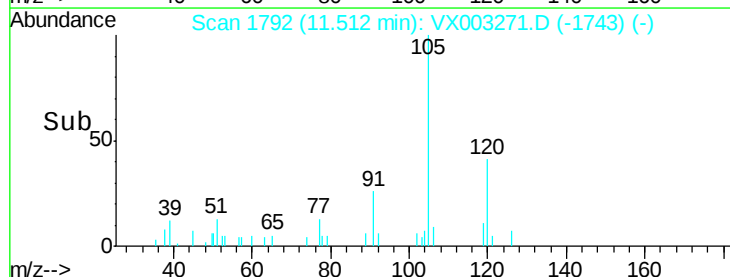
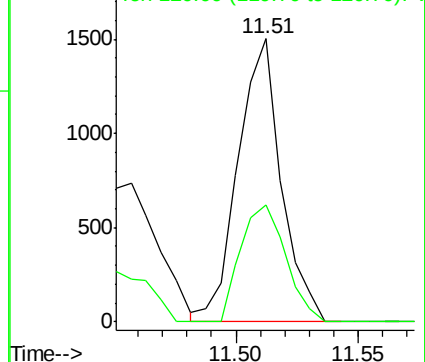
105 100

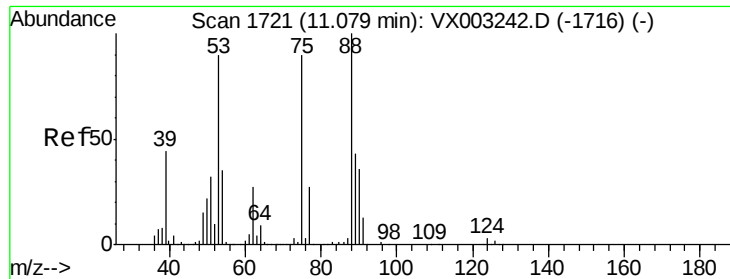
120 43.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

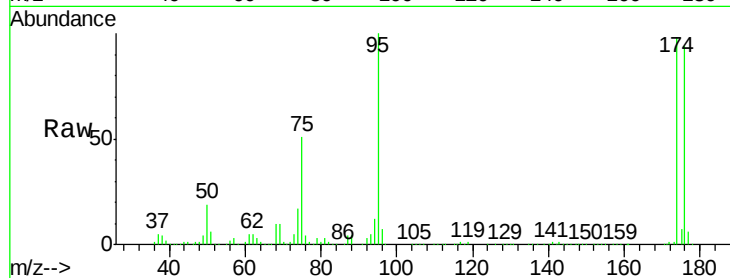
Tot Ion: 75 Resp: 86788

Ion Ratio Lower Upper

75 100

53 0.3 86.8 130.2#

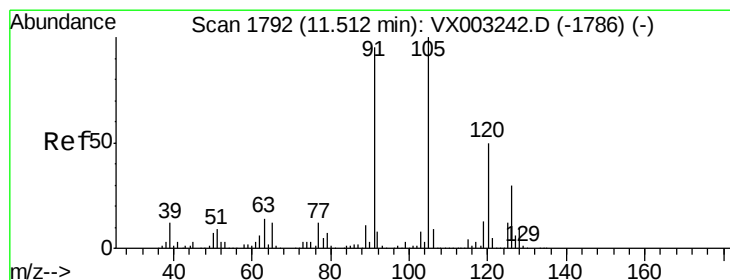
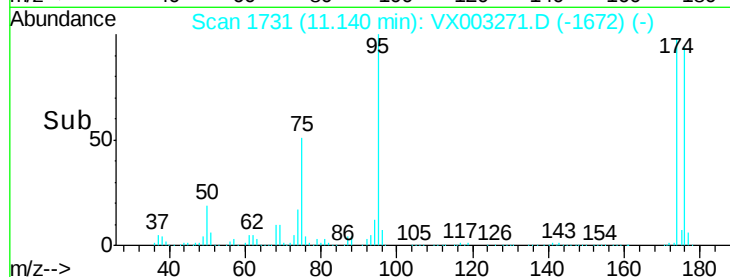
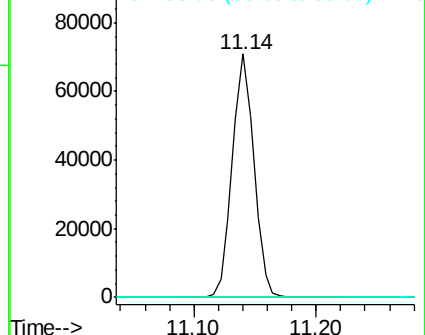
89 0.0 38.2 57.2#



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: 0.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003271.D

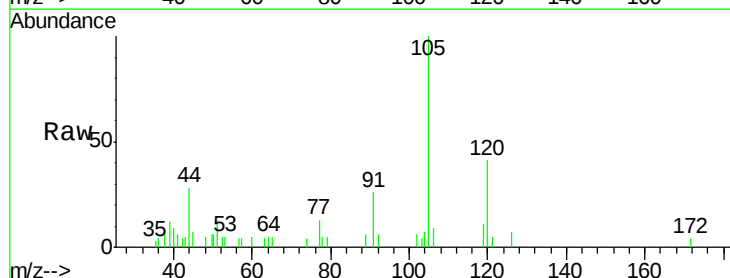
Acq: 10 Jul 2018 03:37

Tgt Ion: 91 Resp: 560

Ion Ratio Lower Upper

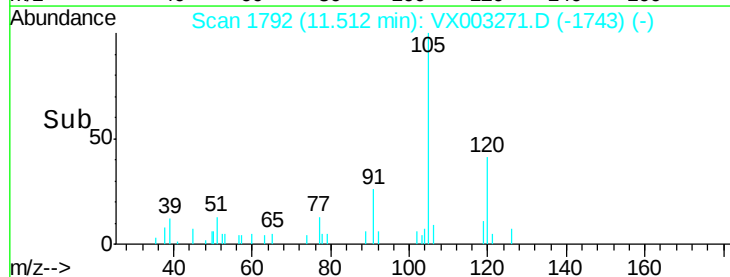
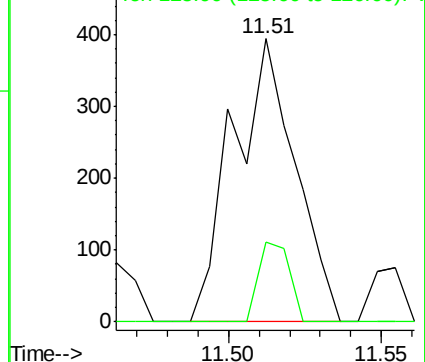
91 100

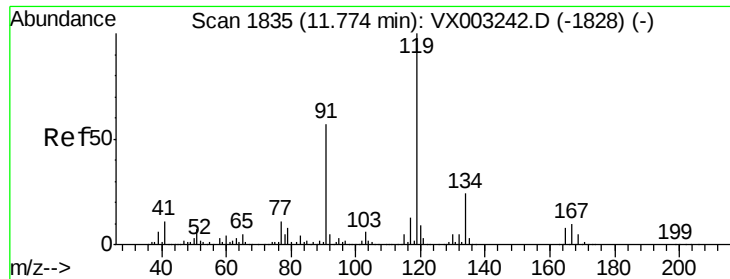
126 13.9 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

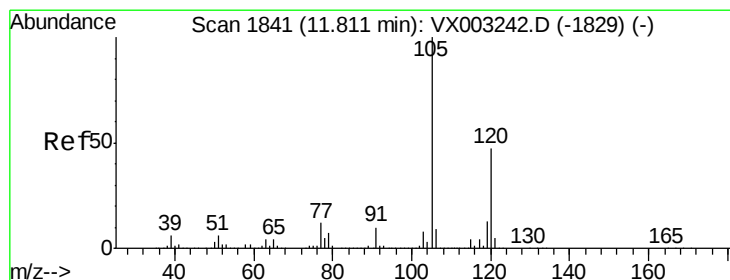
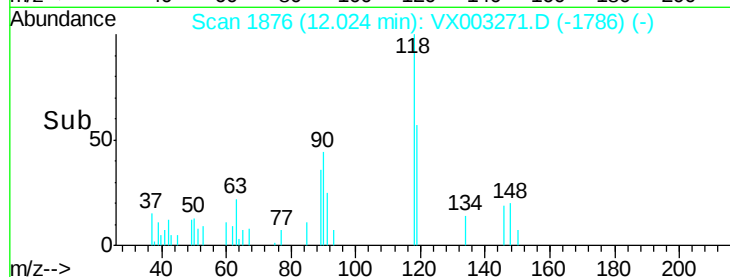
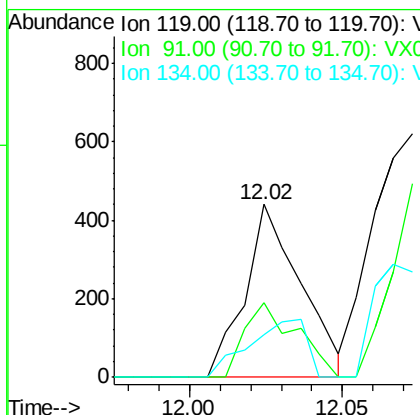
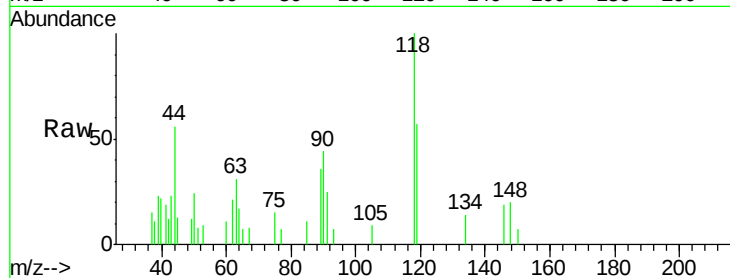




#83
 tert-Butylbenzene
 Concen: 0.04 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.25 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

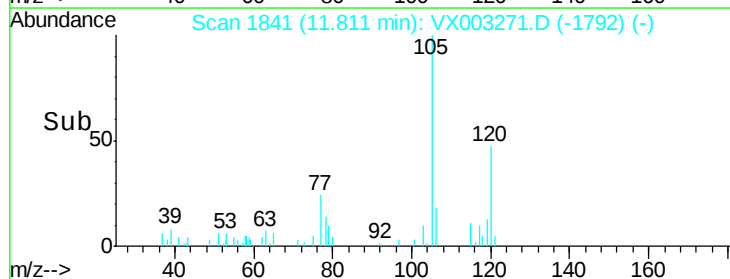
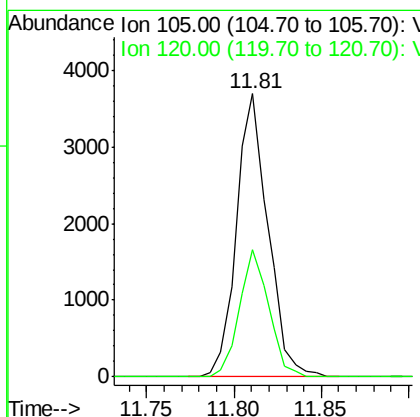
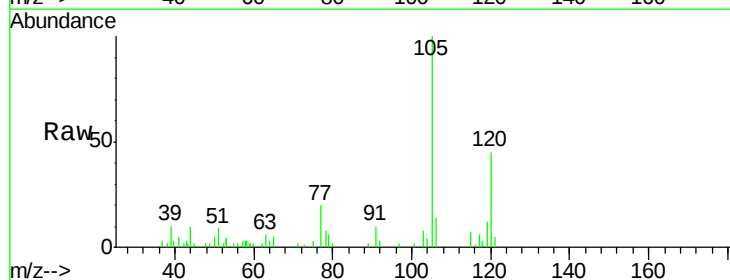
Instrument :
 MSVOA_X
 ClientSampled :
 TP-9-S

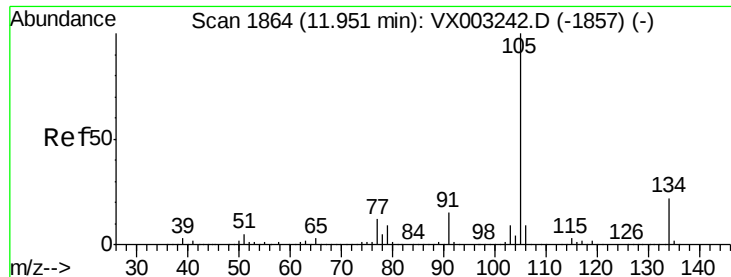
Tot Ion:119 Resp: 559
 Ion Ratio Lower Upper
 119 100
 91 39.7 30.3 90.9
 134 34.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.36 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003271.D
 Acq: 10 Jul 2018 03:37

Tgt Ion:105 Resp: 4621
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

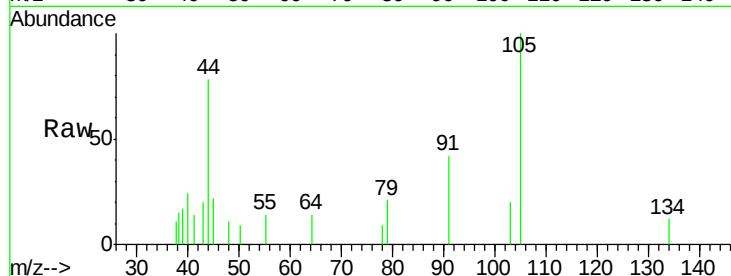
TP-9-S

Tot Ion:105 Resp: 681

Ion Ratio Lower Upper

105 100

134 18.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

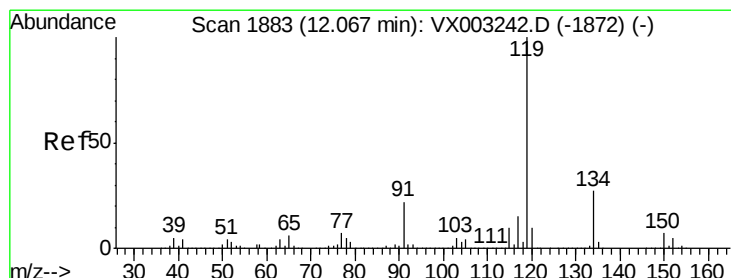
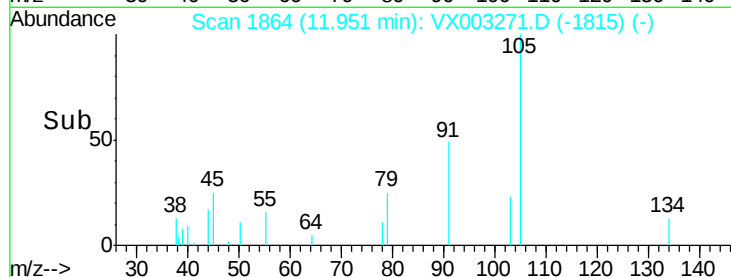
600

400

200

0

Time--> 11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.06 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

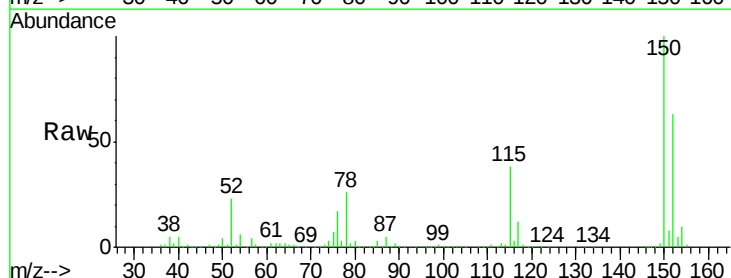
Tgt Ion:119 Resp: 842

Ion Ratio Lower Upper

119 100

134 59.9 13.4 40.1#

91 95.4 11.9 35.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

800

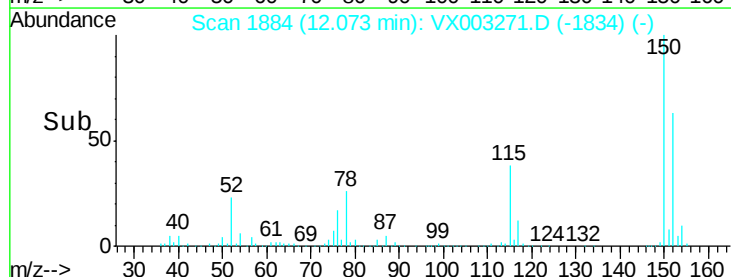
600

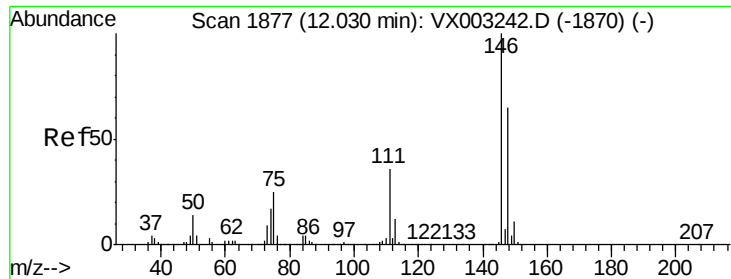
400

200

0

Time--> 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 0.03 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

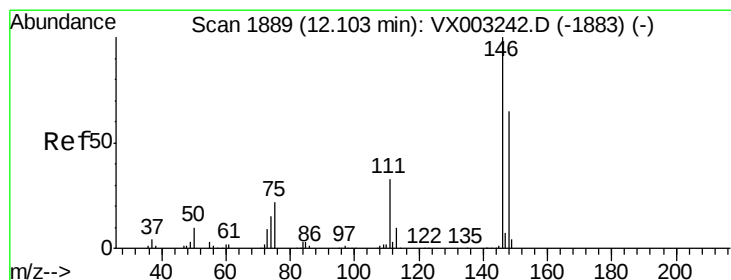
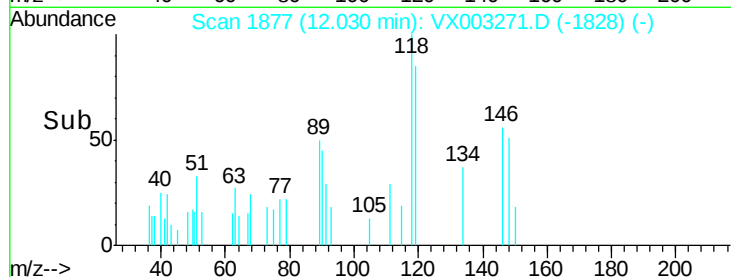
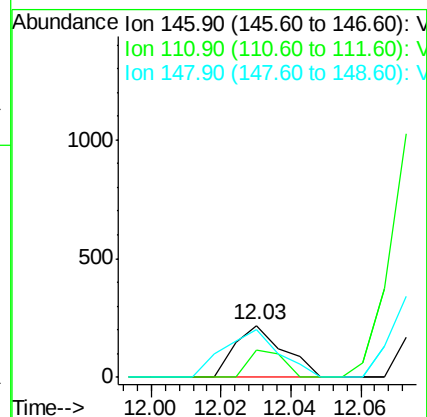
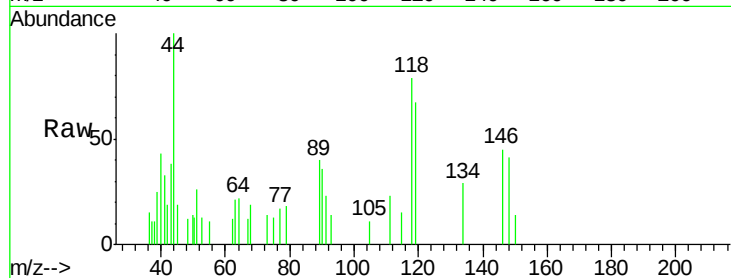
Tot Ion:146 Resp: 212

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.7

148 104.2 32.1 96.3#



#88

1,4-Dichlorobenzene

Concen: 0.08 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

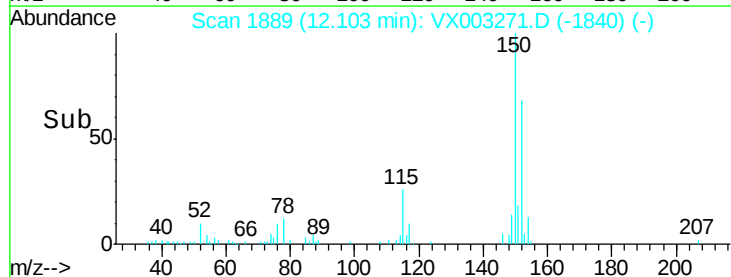
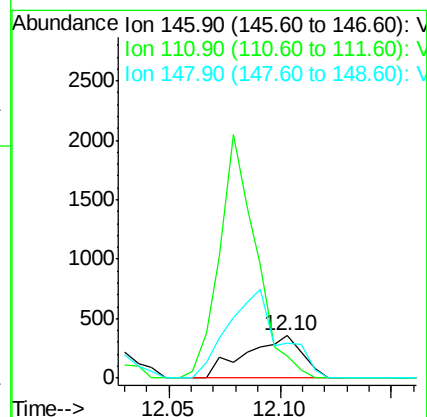
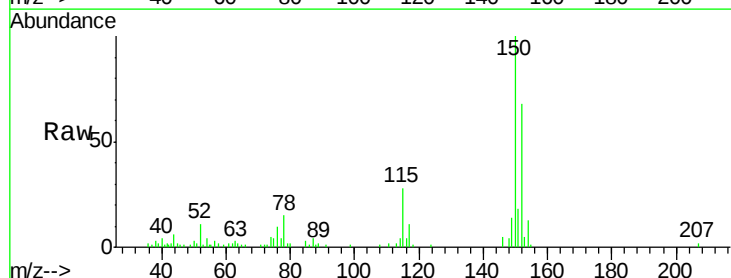
Tgt Ion:146 Resp: 632

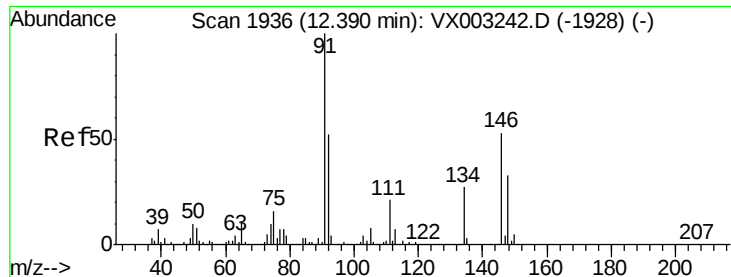
Ion Ratio Lower Upper

146 100

111 0.0 18.7 56.1#

148 190.0 32.4 97.0#

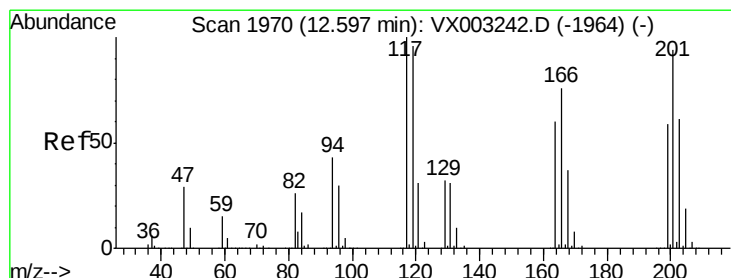
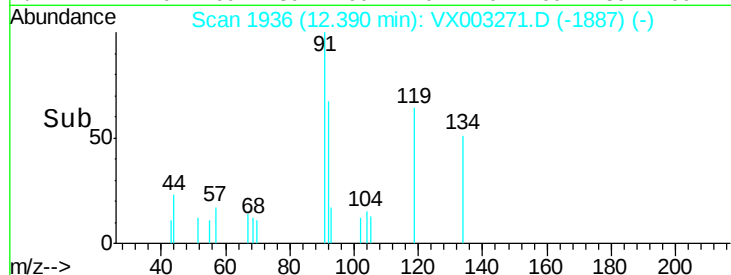
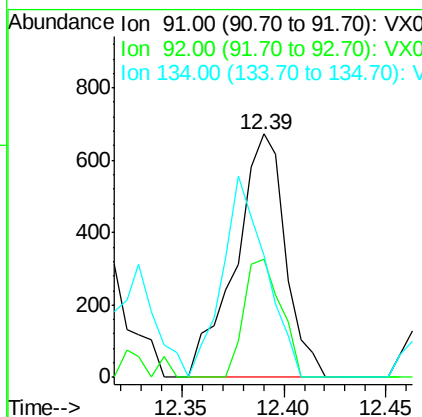
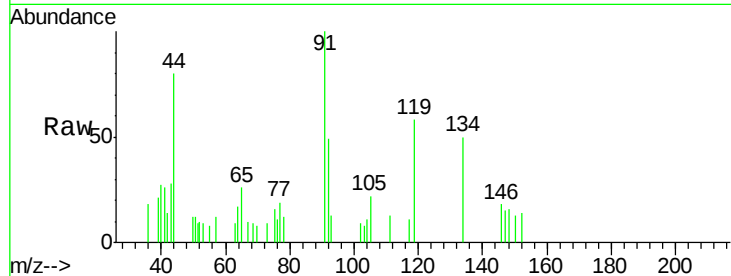




#89
n-Butylbenzene
Concen: 0.10 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

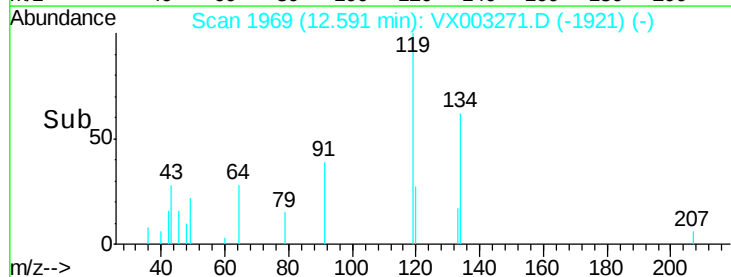
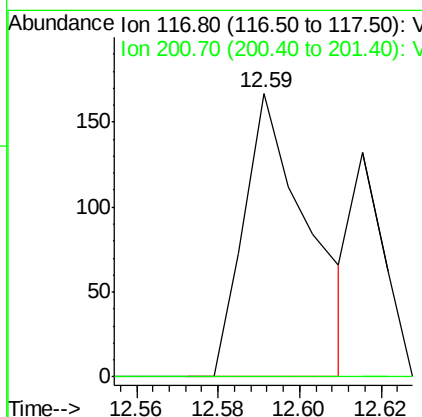
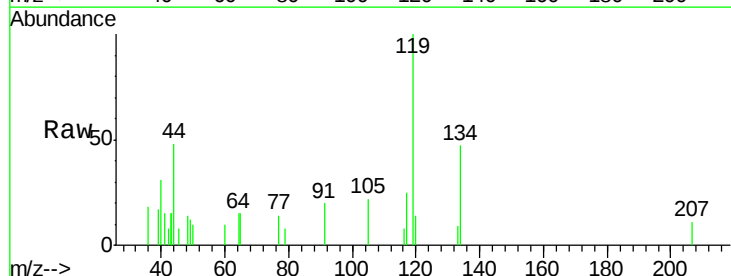
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

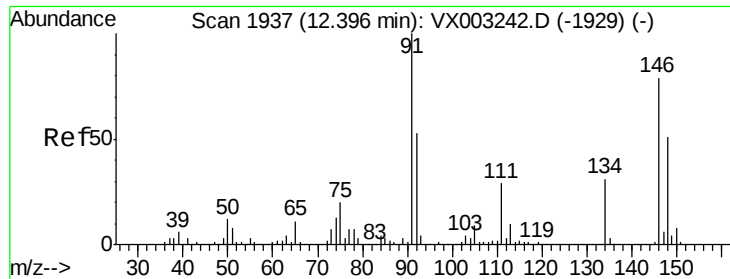
Tot Ion: 91 Resp: 1143
Ion Ratio Lower Upper
91 100
92 36.0 26.0 78.0
134 71.6 13.5 40.5#



#90
Hexachloroethane
Concen: 0.09 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion: 117 Resp: 184
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#91

1,2-Dichlorobenzene

Concen: 0.03 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

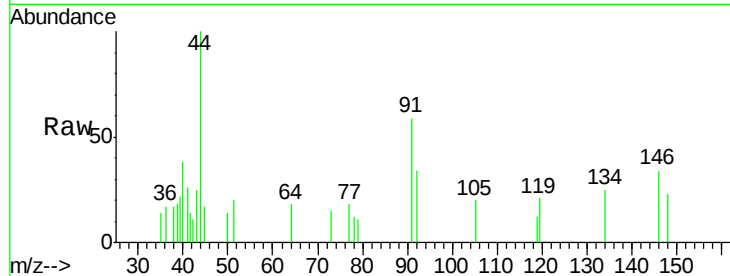
Tot Ion:146 Resp: 244

Ion Ratio Lower Upper

146 100

111 26.2 19.4 58.1

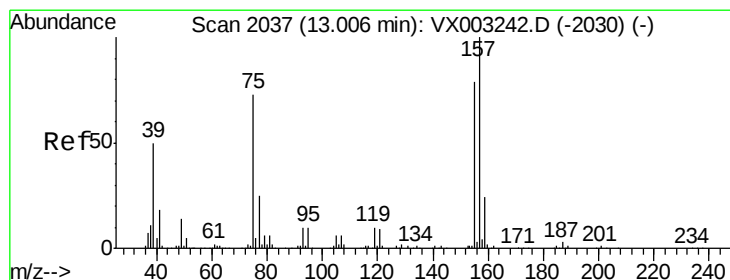
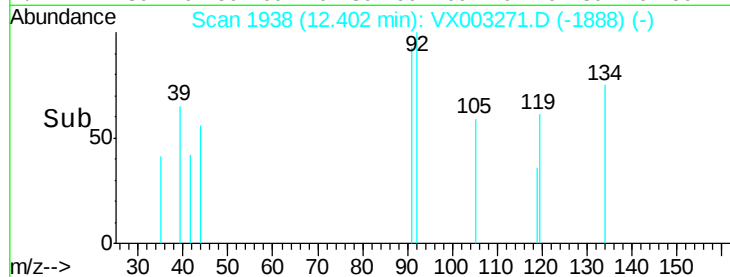
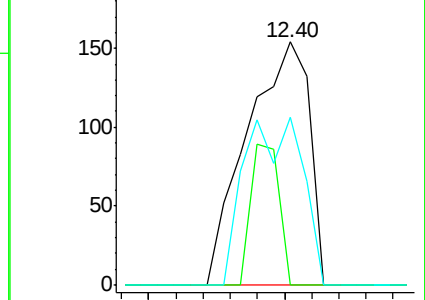
148 63.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.09 ug/l

RT: 13.03 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

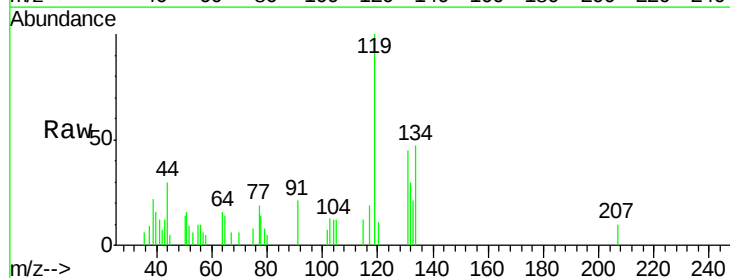
Tgt Ion: 75 Resp: 91

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

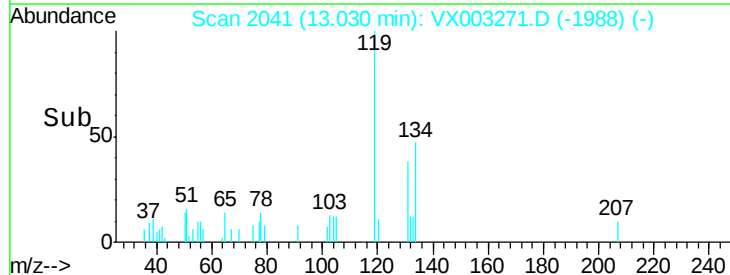
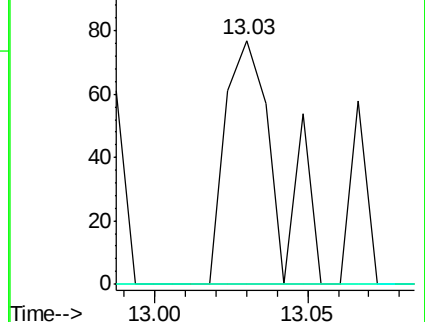
157 0.0 60.1 180.3#

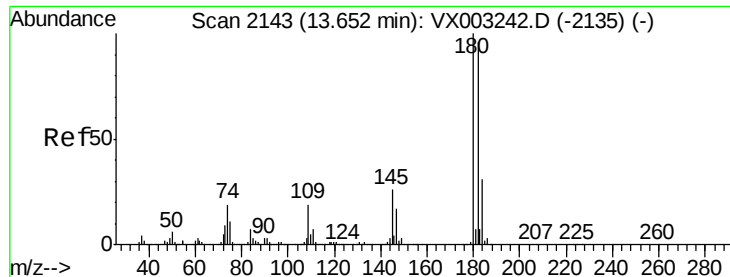


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.06 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

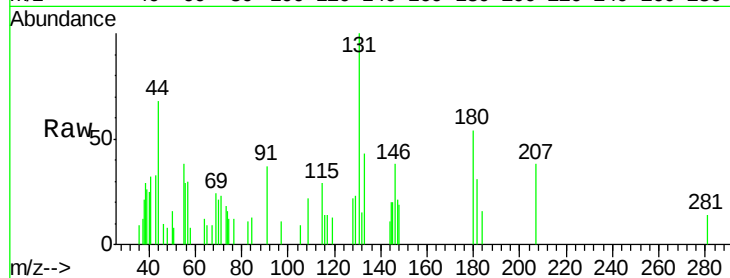
Tot Ion:180 Resp: 347

Ion Ratio Lower Upper

180 100

182 98.0 47.7 143.1

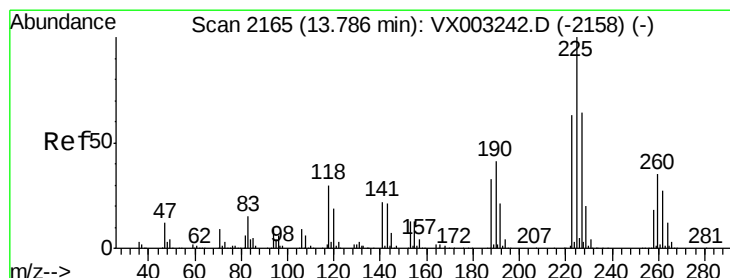
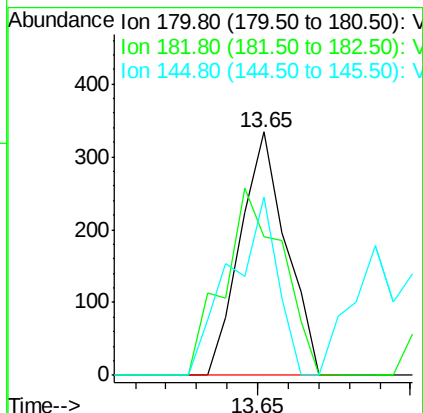
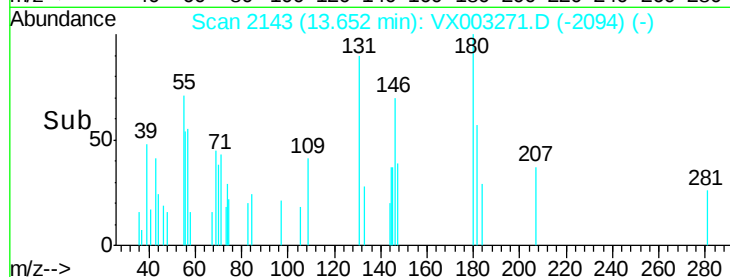
145 75.5 14.1 42.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.05 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003271.D

Acq: 10 Jul 2018 03:37

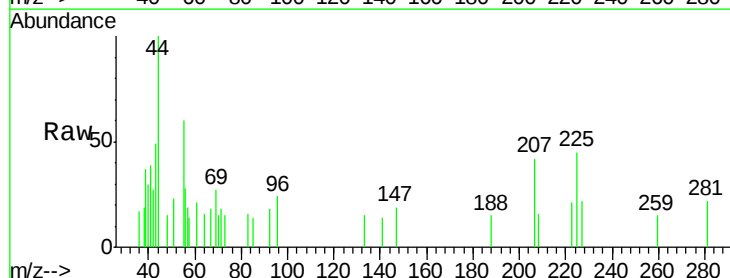
Tgt Ion:225 Resp: 149

Ion Ratio Lower Upper

225 100

223 61.1 31.6 95.0

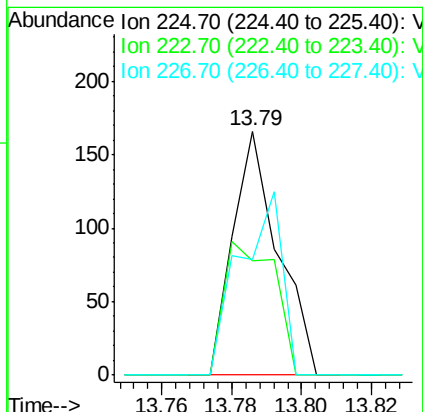
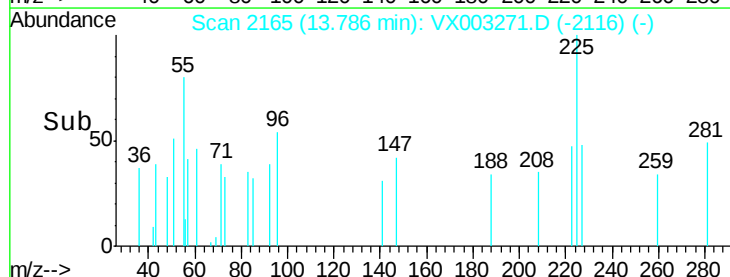
227 69.8 32.4 97.2

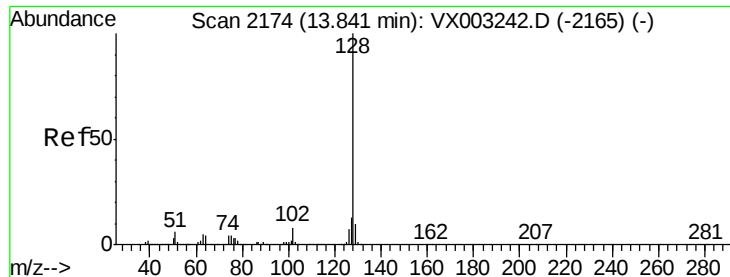


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

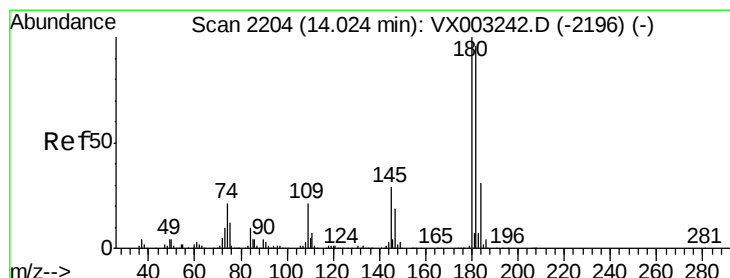
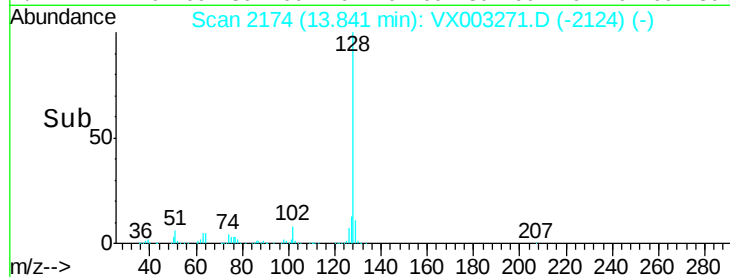
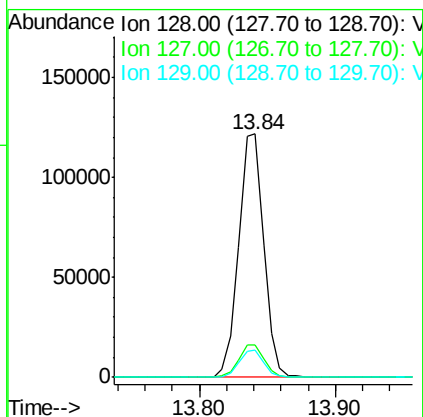
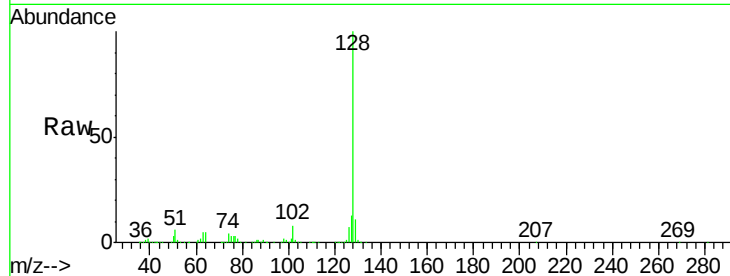




#95
Naphthalene
Concen: 10.32 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Instrument :
MSVOA_X
ClientSampled :
TP-9-S

Tot Ion:128 Resp: 156498
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.05 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX003271.D
Acq: 10 Jul 2018 03:37

Tgt Ion:180 Resp: 270
Ion Ratio Lower Upper
180 100
182 66.7 48.0 144.0
145 184.8 14.8 44.3#

