

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000292.D
 Acq On : 13 Mar 2018 11:33
 Operator : JC/MD
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Quant Time: Mar 13 14:20:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	159214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	265471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	102410	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.51	113	79995	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.73	98	317313	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
62) 4-Bromofluorobenzene	11.15	95	121822	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30925	17.83	ug/l	97
3) Chloromethane	1.32	50	32350	19.10	ug/l	100
4) Vinyl Chloride	1.41	62	39226	19.87	ug/l	99
5) Bromomethane	1.64	94	33299	15.48	ug/l	97
6) Chloroethane	1.73	64	24828	19.89	ug/l	98
7) Trichlorofluoromethane	1.93	101	69120	21.11	ug/l	95
8) Diethyl Ether	2.20	74	26297	21.88	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38546	21.08	ug/l	97
10) Methyl Iodide	2.51	142	33706	19.60	ug/l	99
11) Tert butyl alcohol	3.08	59	72361	89.23	ug/l	100
12) 1,1-Dichloroethene	2.38	96	35754	21.29	ug/l	96
13) Acrolein	2.30	56	39004	91.48	ug/l	98
14) Allyl chloride	2.73	41	61035	19.68	ug/l	99
15) Acrylonitrile	3.16	53	139266	98.68	ug/l	99
16) Acetone	2.45	43	153463	96.82	ug/l	100
17) Carbon Disulfide	2.57	76	82650	17.96	ug/l	97
18) Methyl Acetate	2.79	43	66703	19.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	131762	22.03	ug/l	100
20) Methylene Chloride	2.87	84	39779	21.04	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	39005	21.12	ug/l	97
22) Diisopropyl ether	3.89	45	97867	18.37	ug/l	95
23) Vinyl Acetate	3.84	43	526443	102.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69366	21.24	ug/l	96
25) 2-Butanone	4.73	43	182647	93.38	ug/l	95
26) 2,2-Dichloropropane	4.60	77	50429	21.13	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	35885	20.49	ug/l	98
28) Bromochloromethane	5.03	49	30689	22.11	ug/l	98
29) Tetrahydrofuran	5.19	42	111746	90.96	ug/l	98
30) Chloroform	5.23	83	64764	20.51	ug/l	98
31) Cyclohexane	5.58	56	48459	20.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	57420	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47513	20.11	ug/l	99
37) Ethyl Acetate	4.88	43	63575	18.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	47917	20.04	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	55071	19.00	ug/l	97
40) Benzene	6.15	78	138168	20.28	ug/l	97
41) Methacrylonitrile	5.07	41	32927	18.92	ug/l	98
42) 1,2-Dichloroethane	6.21	62	54278	20.31	ug/l	98
43) Isopropyl Acetate	6.48	43	93804	19.01	ug/l	99
44) Trichloroethene	7.22	130	39410	20.21	ug/l	100
45) 1,2-Dichloropropane	7.53	63	34705	20.11	ug/l	99
46) Dibromomethane	7.67	93	27489	20.14	ug/l	97
47) Bromodichloromethane	7.91	83	48453	20.18	ug/l	97
48) Methyl methacrylate	7.79	41	45646	18.78	ug/l	99
49) 1,4-Dioxane	7.77	88	21602	391.43	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	354200	95.08	ug/l	98
52) Toluene	8.79	92	94529	20.25	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	56975	20.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54925	20.06	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	39145	20.70	ug/l	97
56) Ethyl methacrylate	9.20	69	58097	20.53	ug/l	99
57) 1,3-Dichloropropane	9.38	76	63915	20.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	138198	96.72	ug/l	98
59) 2-Hexanone	9.51	43	293530	92.41	ug/l	99
60) Dibromochloromethane	9.59	129	39301	19.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42663	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	40270	21.64	ug/l	96
65) Chlorobenzene	10.15	112	112065	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	37537	20.45	ug/l	99
67) Ethyl Benzene	10.26	91	187632	20.02	ug/l	100
68) m/p-Xylenes	10.37	106	148118	41.06	ug/l	100
69) o-Xylene	10.71	106	71811	20.71	ug/l	98
70) Styrene	10.72	104	117319	20.40	ug/l	99
71) Bromoform	10.87	173	30299	18.28	ug/l #	99
73) Isopropylbenzene	11.02	105	198310	20.84	ug/l	99
74) N-amyl acetate	6.48	43	93804	19.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	66656	19.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78407	25.74	ug/l	81
77) Bromobenzene	11.26	156	50319	20.46	ug/l	99
78) n-propylbenzene	11.37	91	227836	20.35	ug/l	100
79) 2-Chlorotoluene	11.43	91	131255	20.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	165146	20.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17546	17.64	ug/l	91
82) 4-Chlorotoluene	11.52	91	158995	20.70	ug/l	100
83) tert-Butylbenzene	11.78	119	163854	21.20	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	171888	21.04	ug/l	99
85) sec-Butylbenzene	11.96	105	204317	20.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	184470	21.40	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	98538	21.07	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	102361	20.88	ug/l	99
89) n-Butylbenzene	12.40	91	173884	20.94	ug/l	99
90) Hexachloroethane	12.60	117	26207	18.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	98094	21.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17860	19.07	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

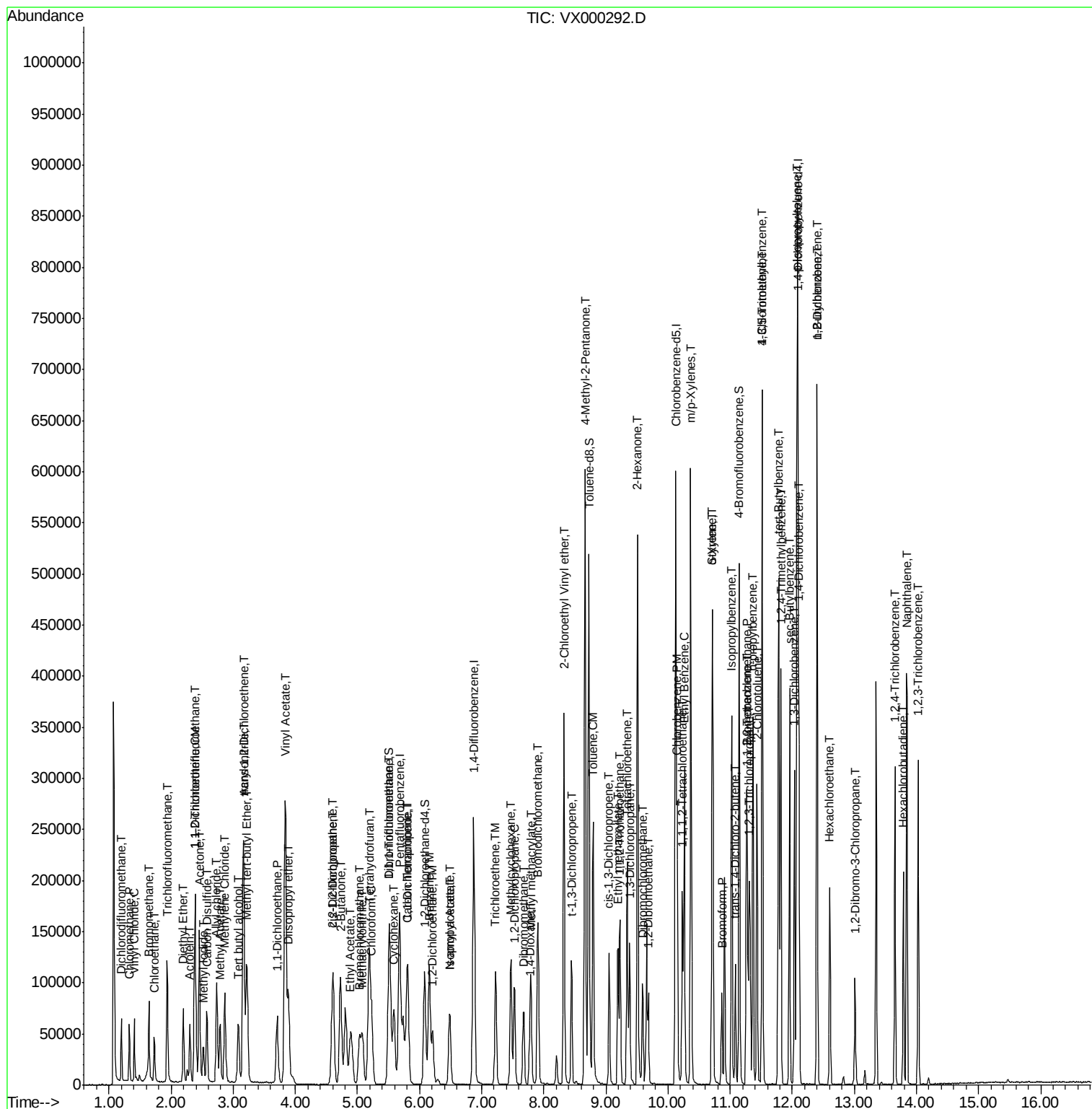
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71112	21.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	26367	18.81	ug/l	98
95) Naphthalene	13.84	128	246300	20.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	68758	20.63	ug/l	99

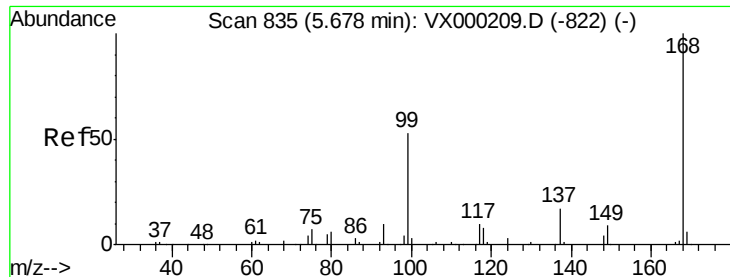
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX000292.D  
Acq On    : 13 Mar 2018  11:33  
Operator  : JC/MD  
Sample    : VX0313WBS01  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 1      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Quant Time: Mar 13 14:20:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

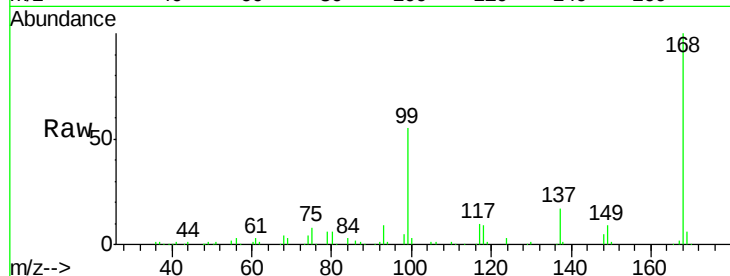
VX0313WBS01

Tot Ion:168 Resp: 159214

Ion Ratio Lower Upper

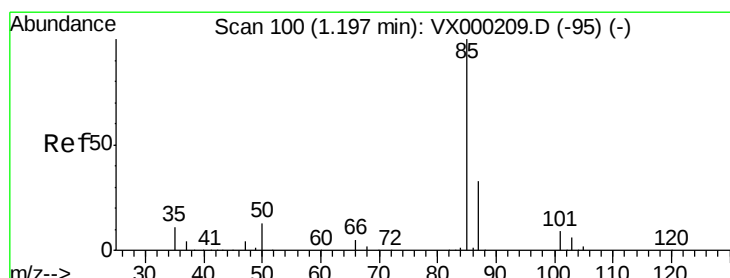
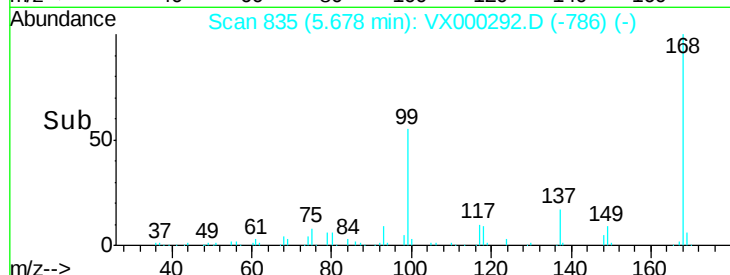
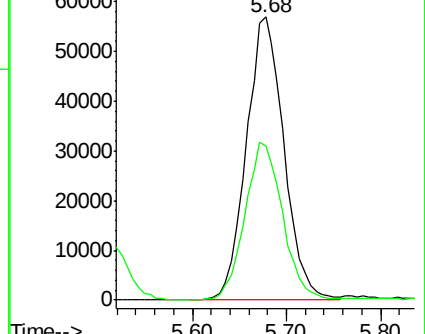
168 100

99 54.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000292.D

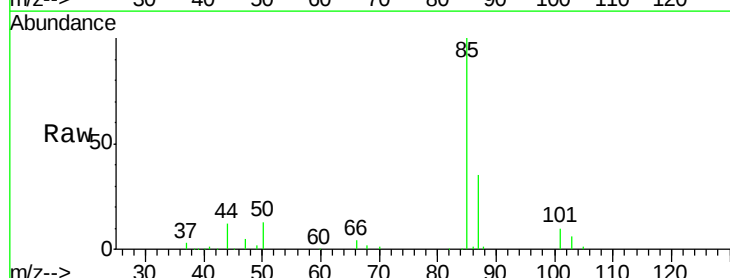
Acq: 13 Mar 2018 11:33

Tgt Ion: 85 Resp: 30925

Ion Ratio Lower Upper

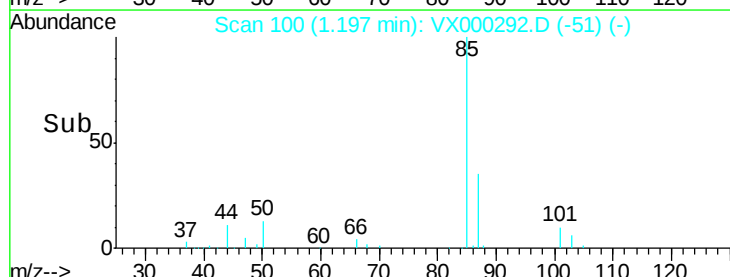
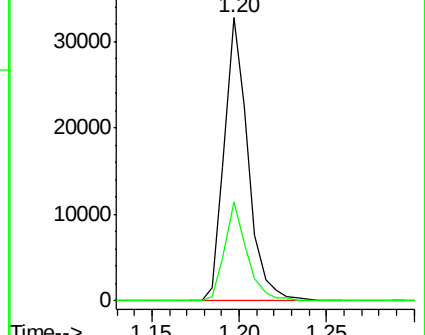
85 100

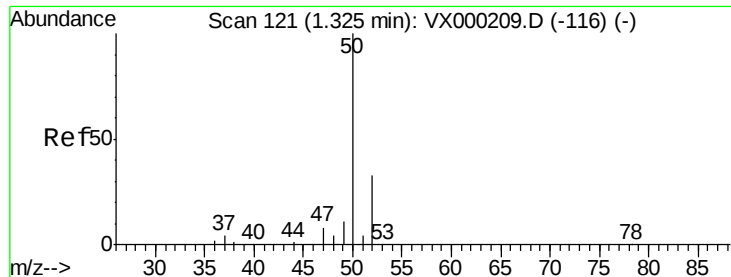
87 34.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

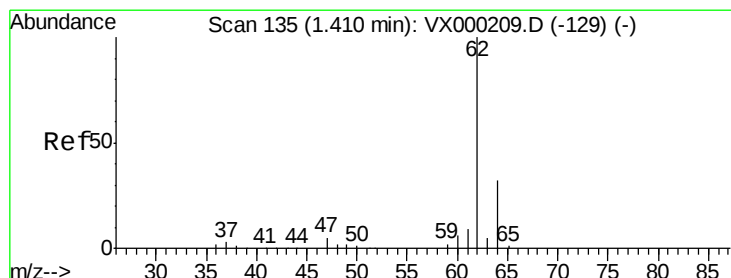
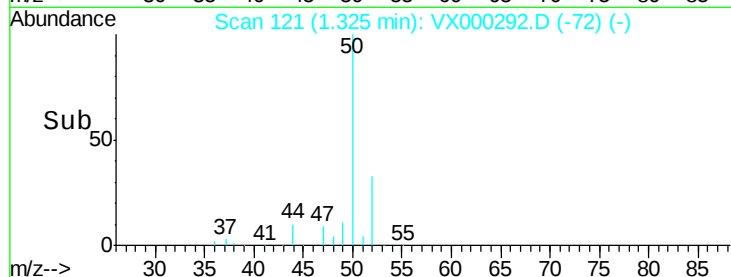
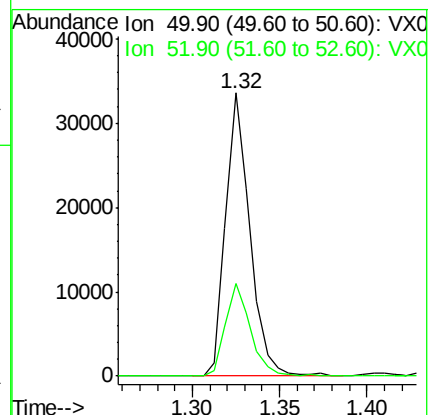
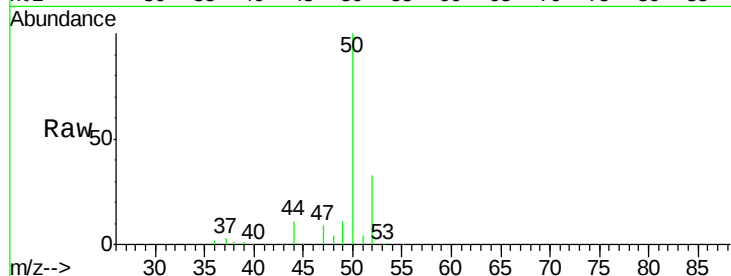
VX0313WBS01

Tot Ion: 50 Resp: 32350

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 19.87 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000292.D

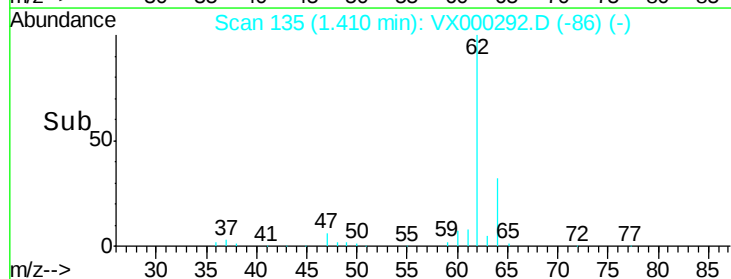
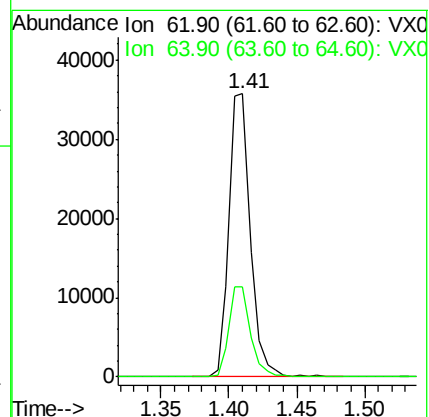
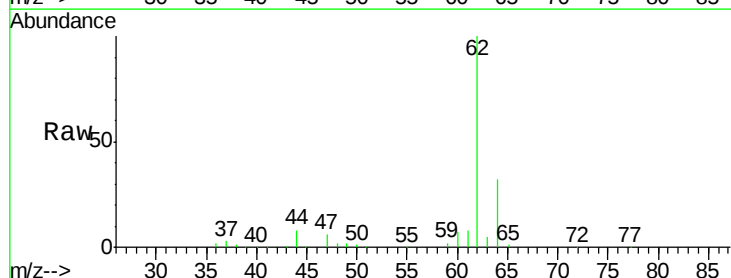
Acq: 13 Mar 2018 11:33

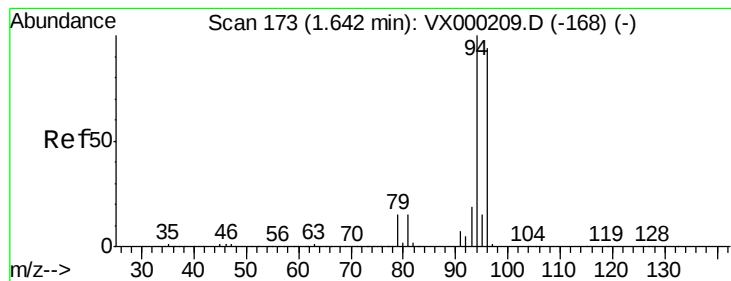
Tgt Ion: 62 Resp: 39226

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 15.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

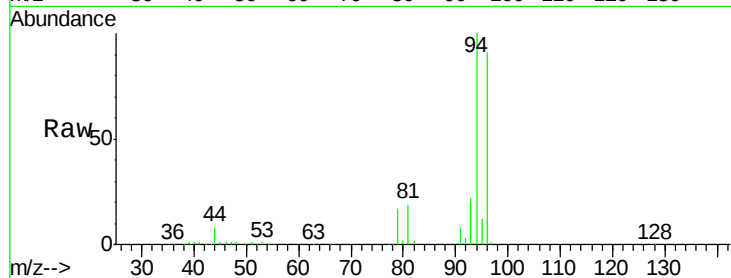
VX0313WBS01

Tot Ion: 94 Resp: 33299

Ion Ratio Lower Upper

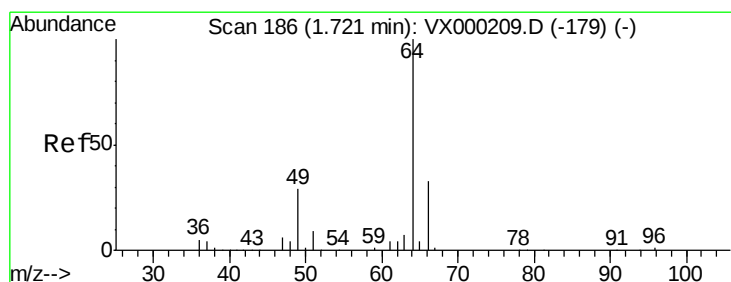
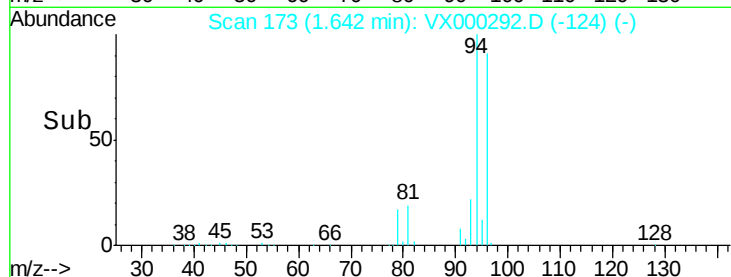
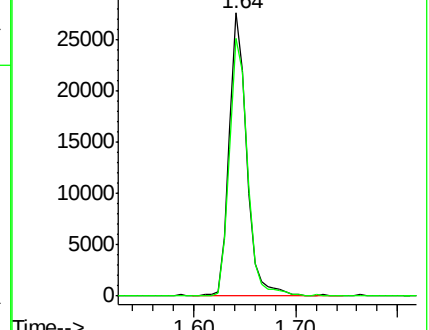
94 100

96 91.0 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.89 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000292.D

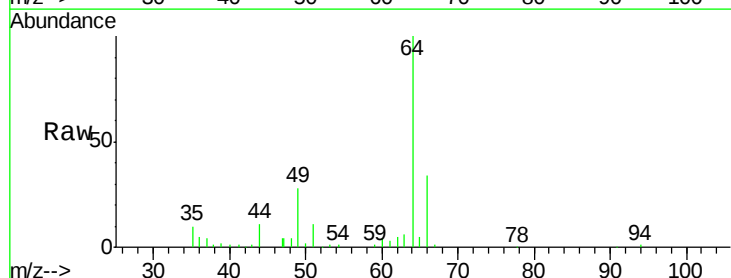
Acq: 13 Mar 2018 11:33

Tgt Ion: 64 Resp: 24828

Ion Ratio Lower Upper

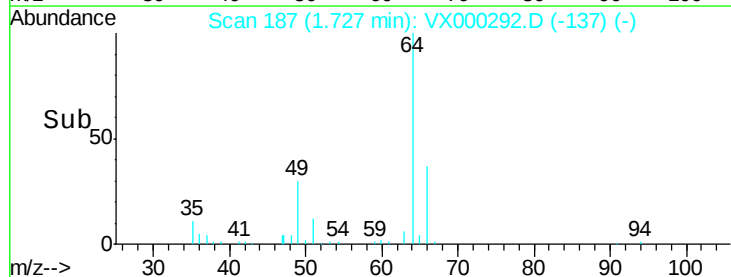
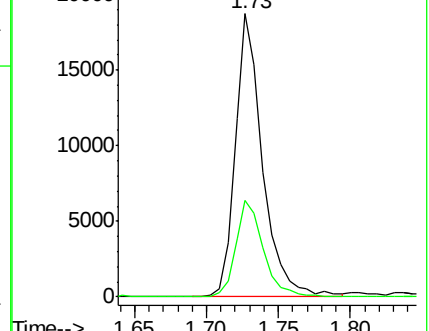
64 100

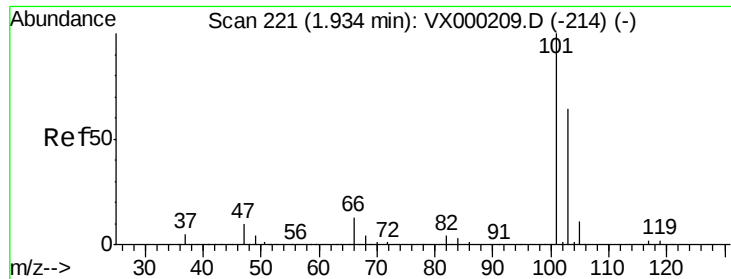
66 34.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.11 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

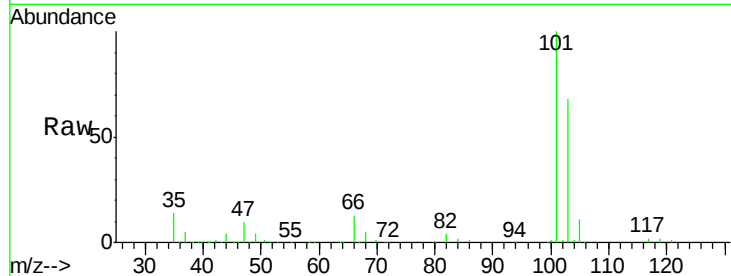
VX0313WBS01

Tot Ion:101 Resp: 69120

Ion Ratio Lower Upper

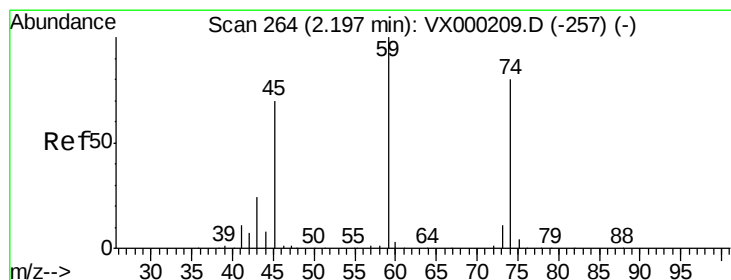
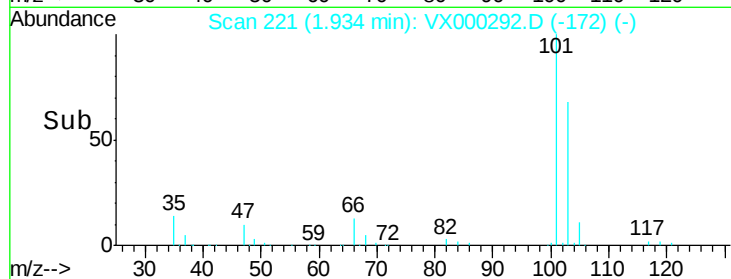
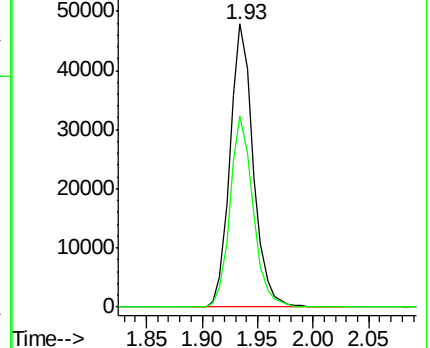
101 100

103 67.7 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.88 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000292.D

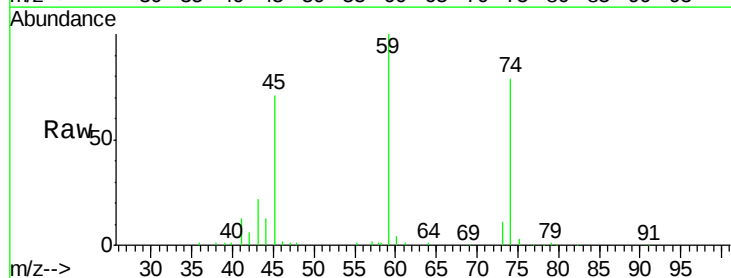
Acq: 13 Mar 2018 11:33

Tgt Ion: 74 Resp: 26297

Ion Ratio Lower Upper

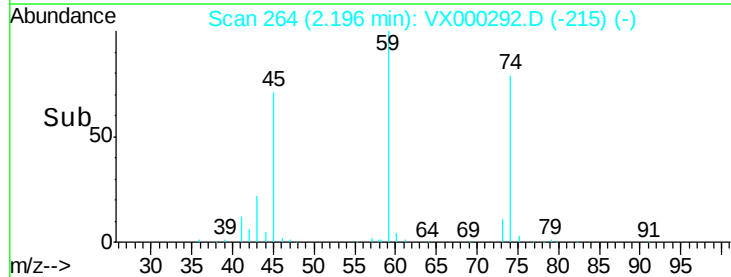
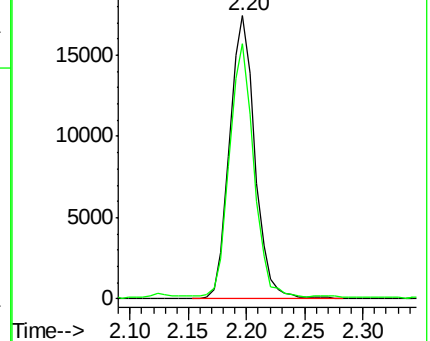
74 100

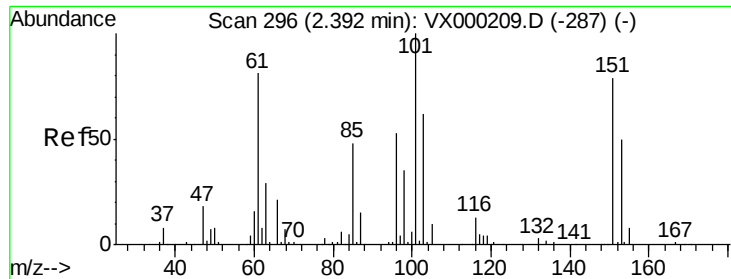
45 85.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.08 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS01

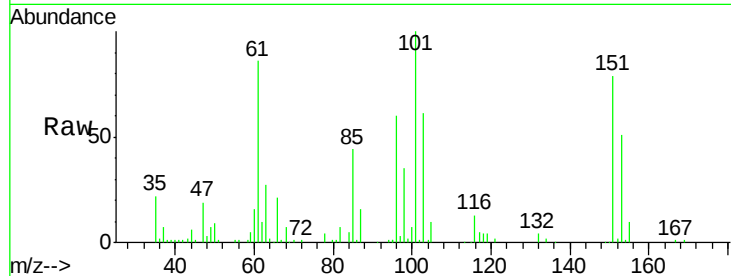
Tot Ion:101 Resp: 38546

Ion Ratio Lower Upper

101 100

85 44.8 38.3 57.5

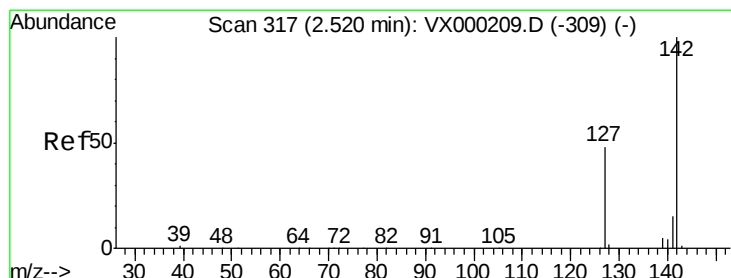
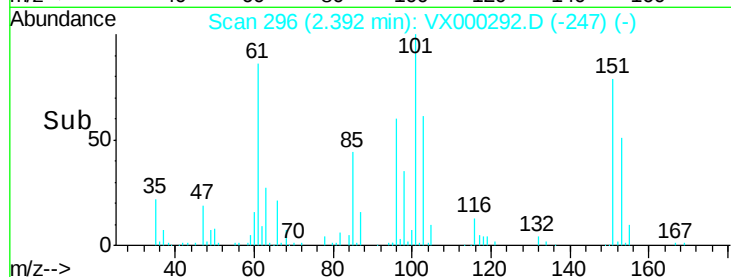
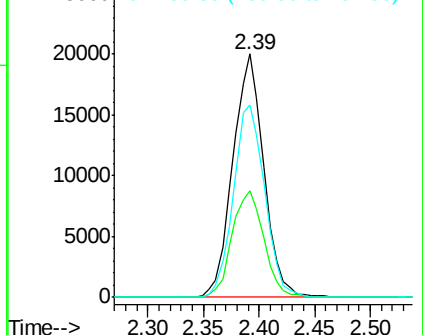
151 80.1 62.8 94.2



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: 19.60 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

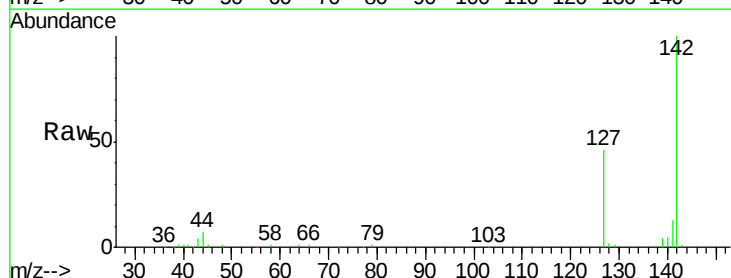
Tgt Ion:142 Resp: 33706

Ion Ratio Lower Upper

142 100

127 47.8 39.0 58.6

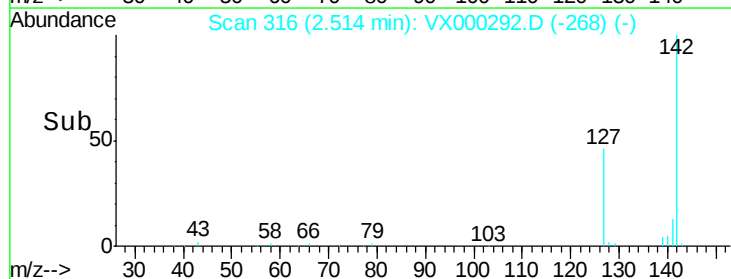
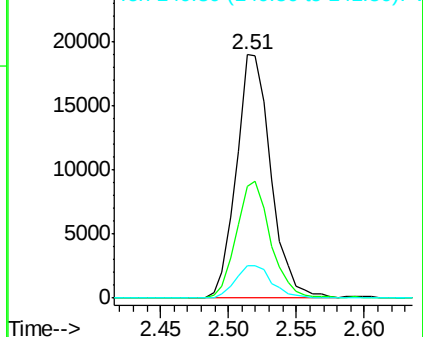
141 14.0 11.6 17.4

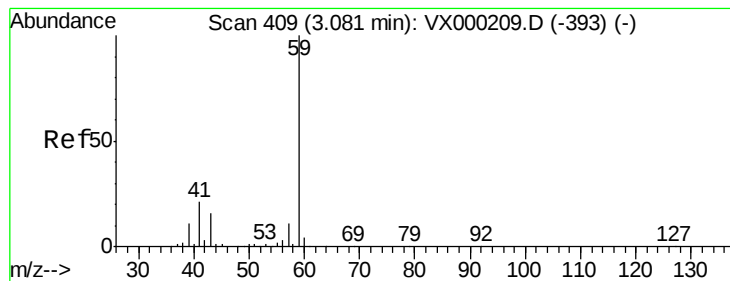


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.23 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

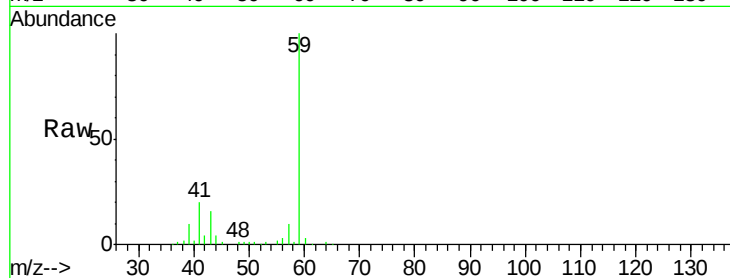
VX0313WBS01

Tot Ion: 59 Resp: 72361

Ion Ratio Lower Upper

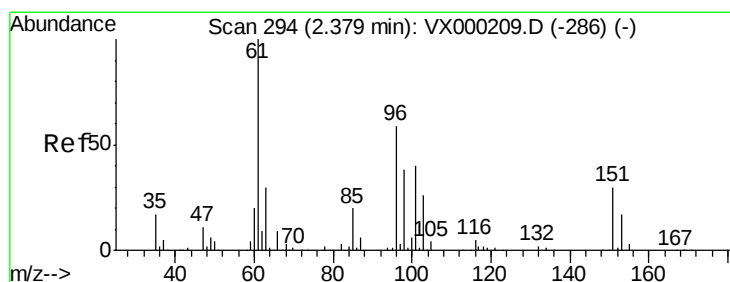
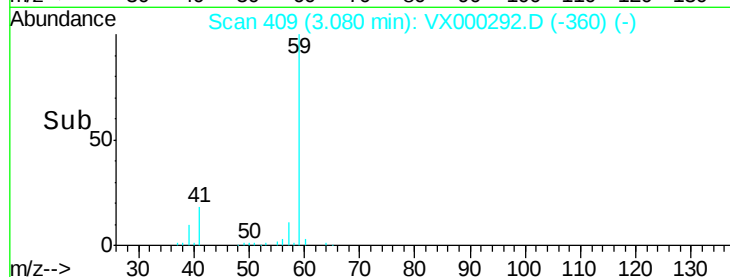
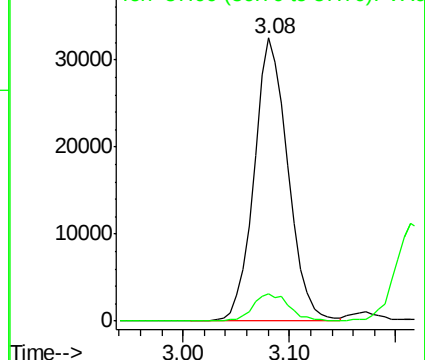
59 100

57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 21.29 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

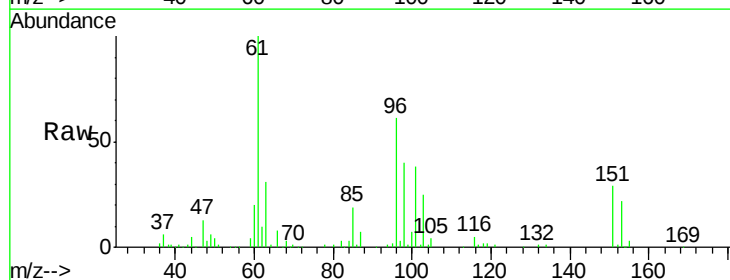
Tgt Ion: 96 Resp: 35754

Ion Ratio Lower Upper

96 100

61 162.6 135.8 203.6

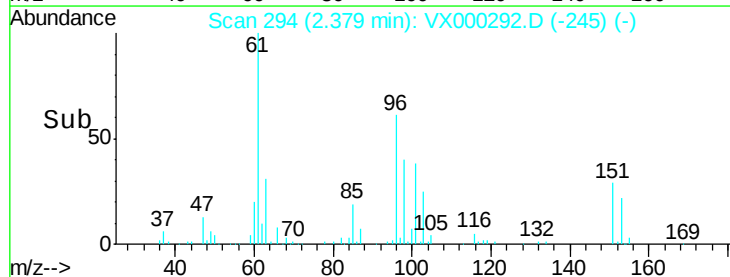
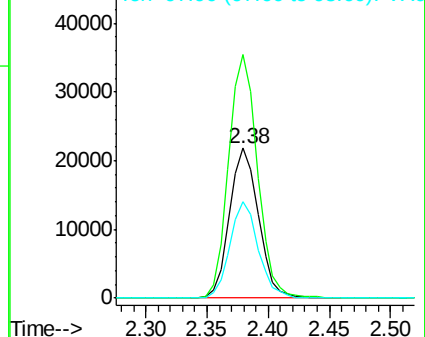
98 64.6 51.1 76.7

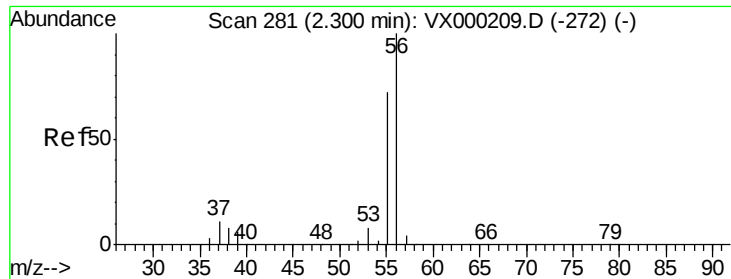


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 91.48 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

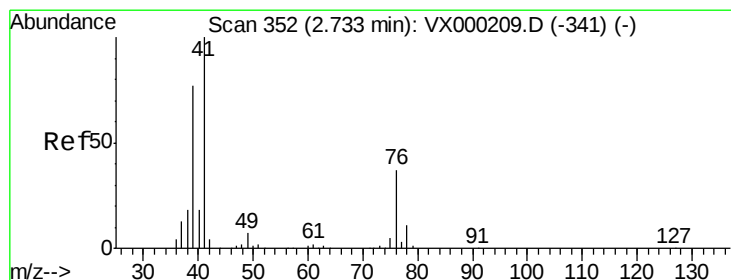
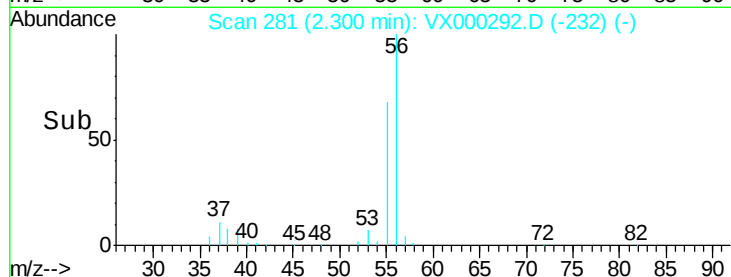
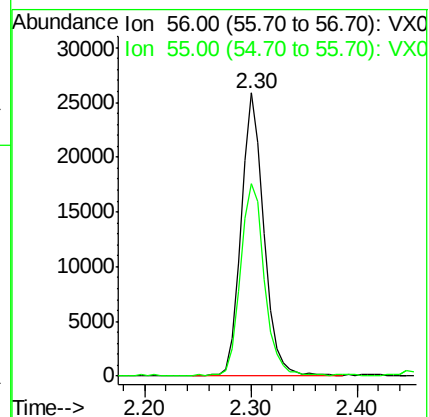
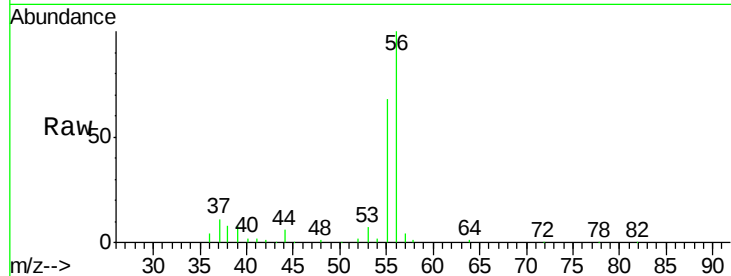
VX0313WBS01

Tot Ion: 56 Resp: 39004

Ion Ratio Lower Upper

56 100

55 72.1 59.2 88.8



#14

Allyl chloride

Concen: 19.68 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

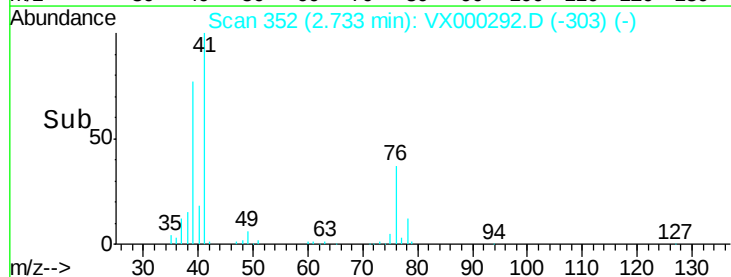
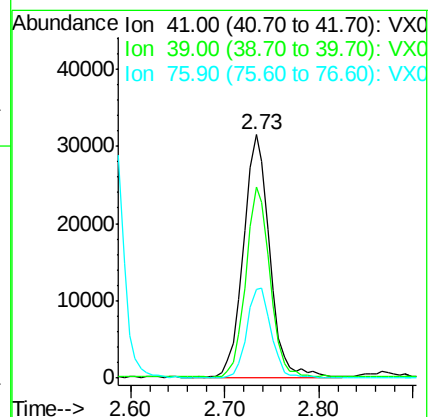
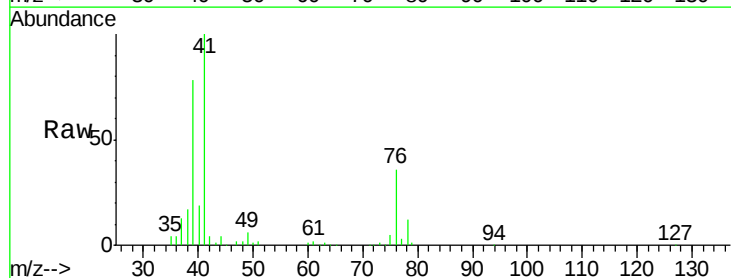
Tgt Ion: 41 Resp: 61035

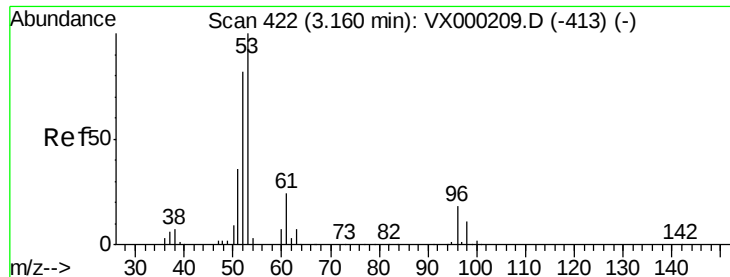
Ion Ratio Lower Upper

41 100

39 72.0 57.0 85.6

76 34.7 26.8 40.2





#15

Acrylonitrile

Concen: 98.68 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

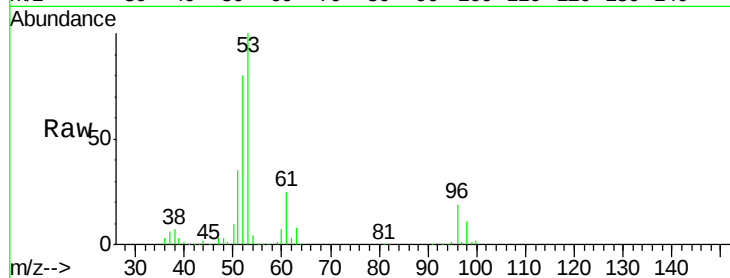
Tot Ion: 53 Resp: 139266

Ion Ratio Lower Upper

53 100

52 82.1 66.3 99.5

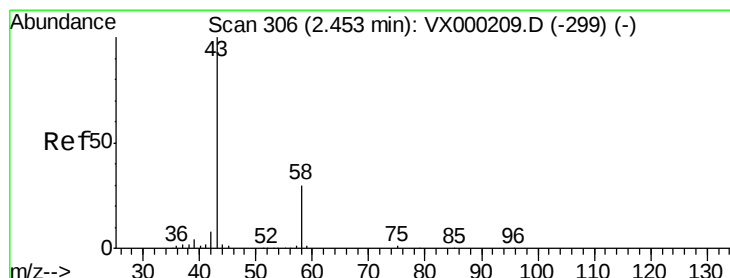
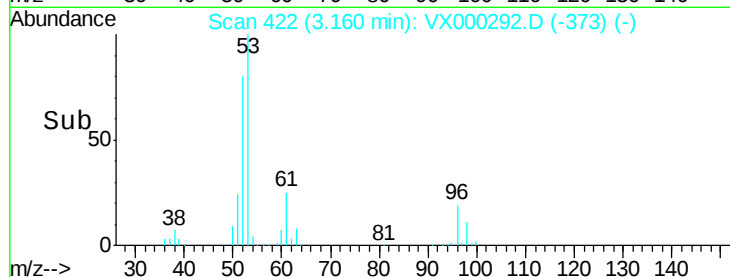
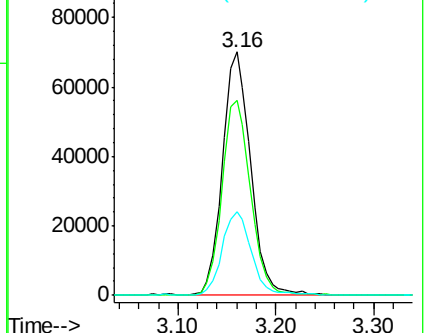
51 36.3 29.6 44.4



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: 96.82 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000292.D

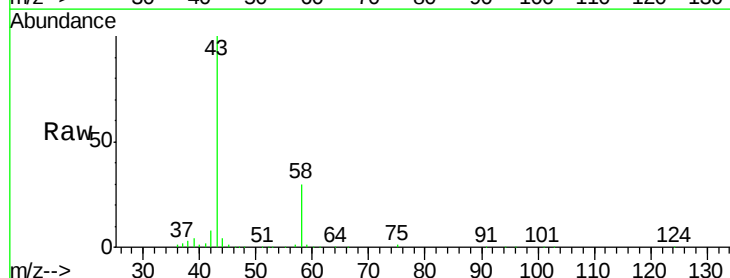
Acq: 13 Mar 2018 11:33

Tgt Ion: 43 Resp: 153463

Ion Ratio Lower Upper

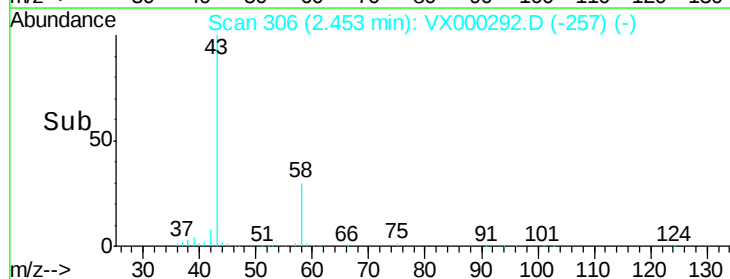
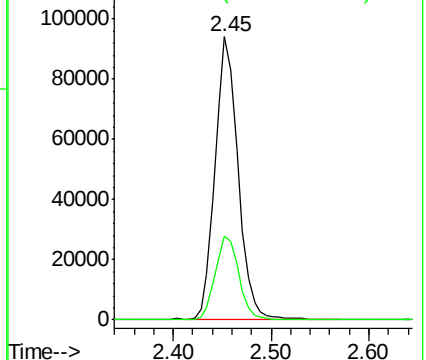
43 100

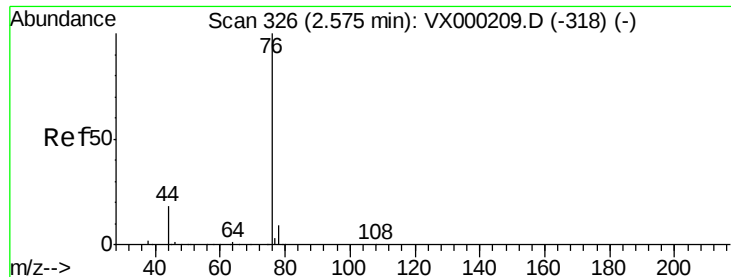
58 29.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

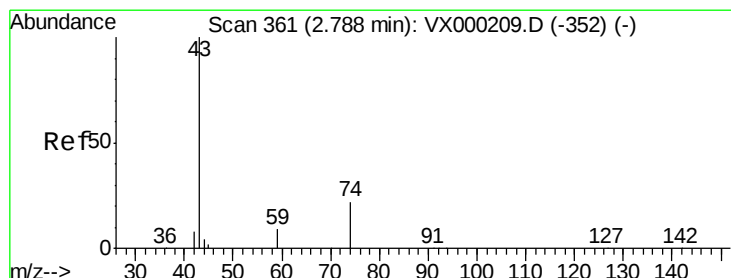
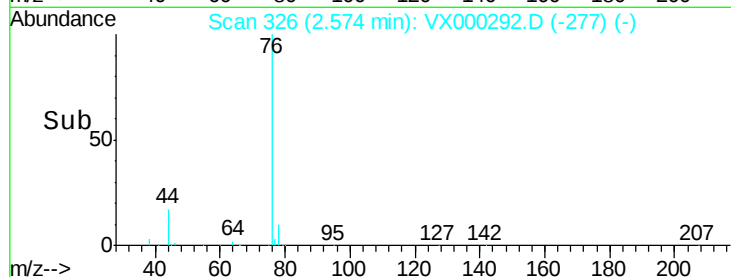
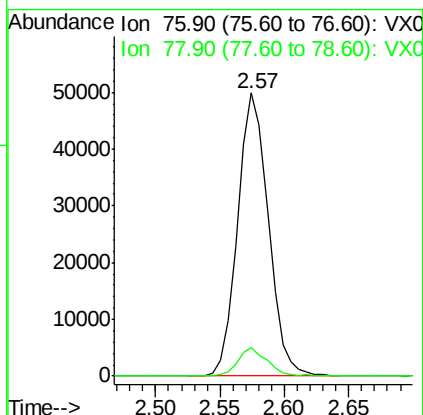
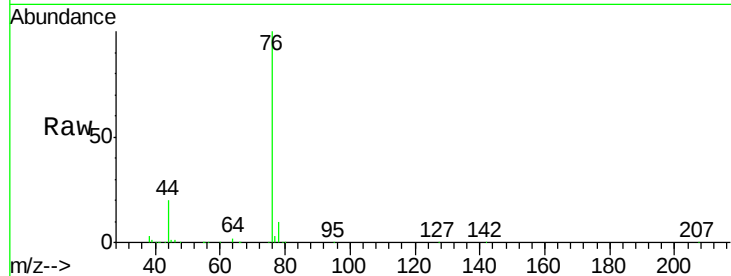




#17
Carbon Disulfide
Concen: 17.96 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

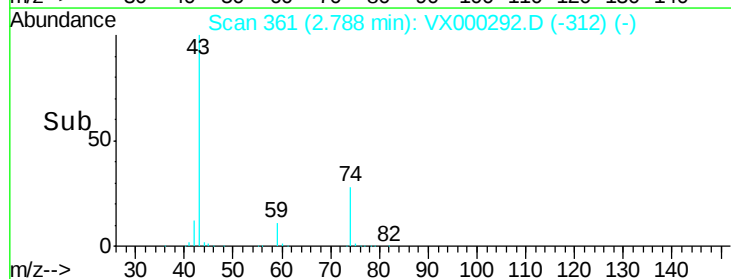
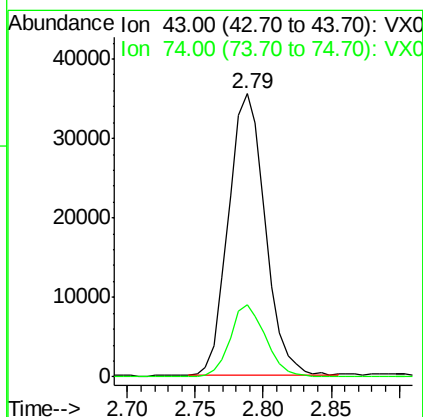
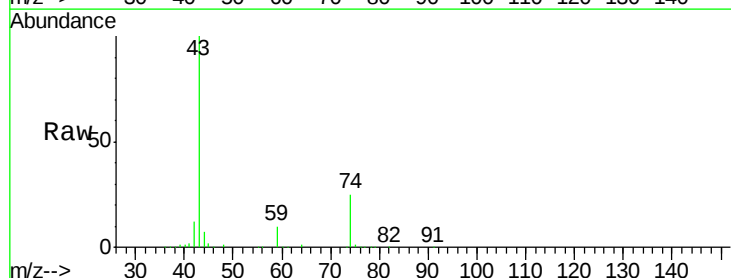
Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

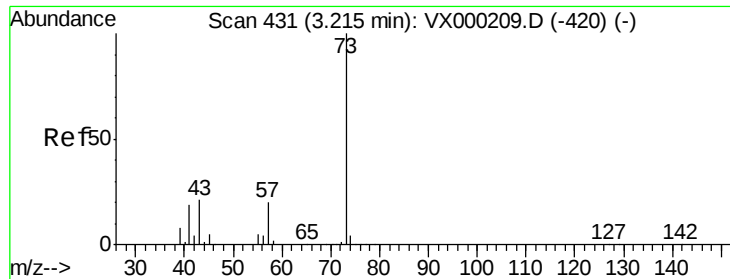
Tot Ion: 76 Resp: 82650
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 19.76 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 43 Resp: 66703
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3

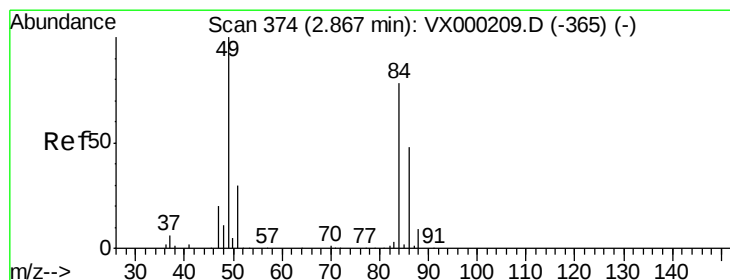
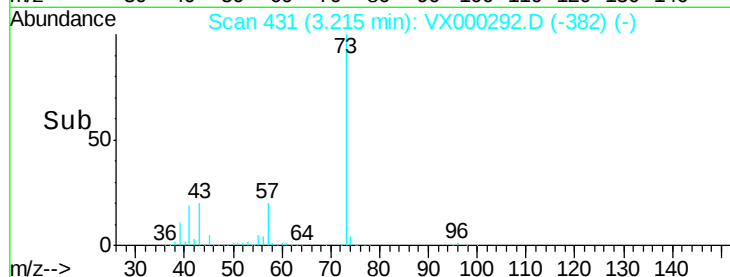
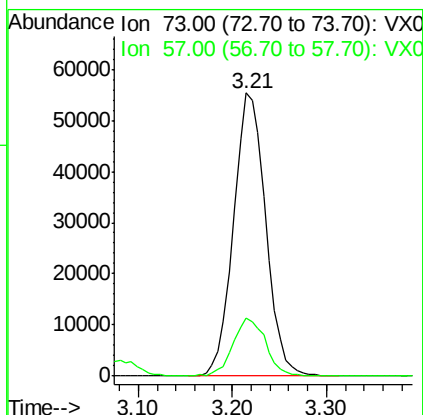
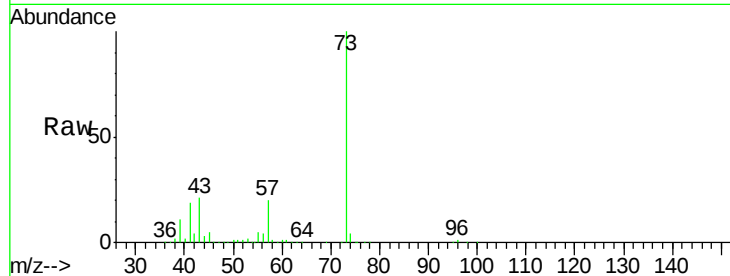




#19
Methyl tert-butyl Ether
Concen: 22.03 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

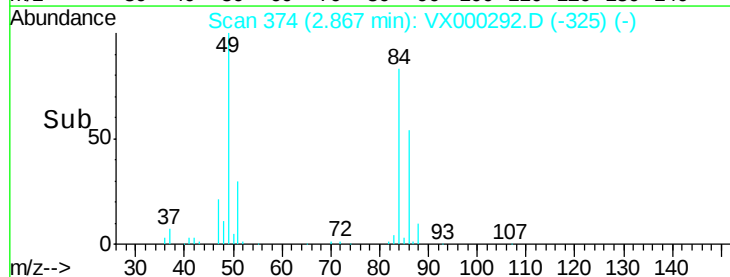
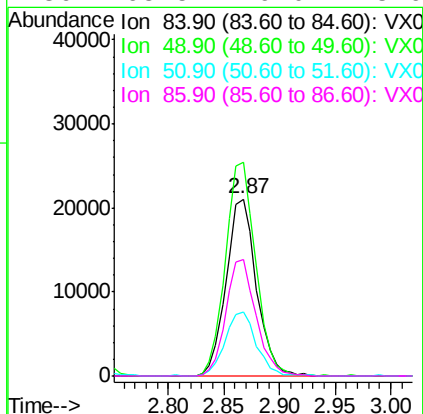
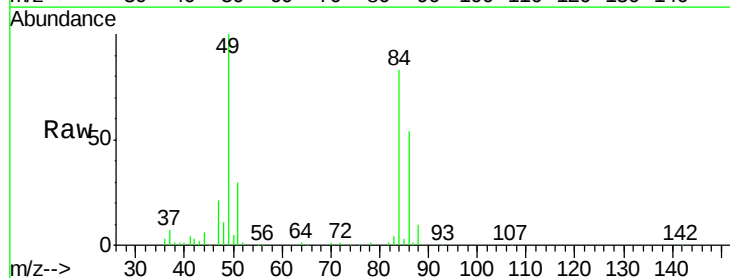
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

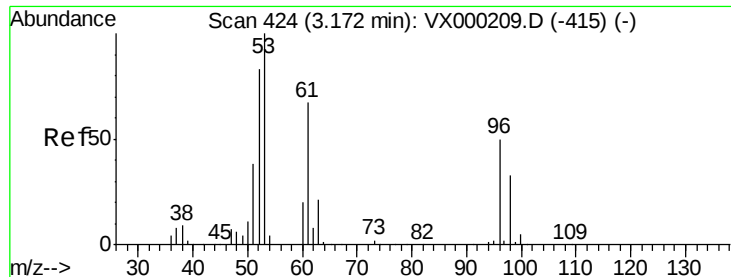
Tot Ion: 73 Resp: 131762
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5



#20
Methylene Chloride
Concen: 21.04 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 84 Resp: 39779
Ion Ratio Lower Upper
84 100
49 120.5 102.1 153.1
51 36.2 30.6 45.8
86 65.5 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 21.12 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

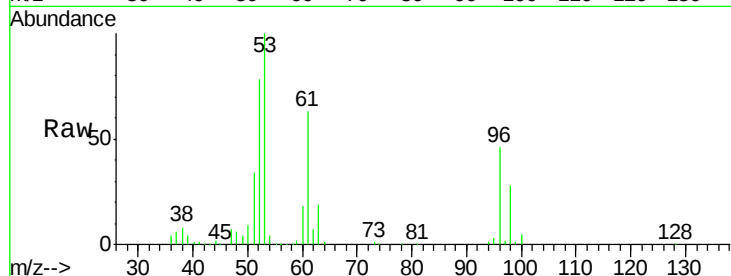
Tot Ion: 96 Resp: 39005

Ion Ratio Lower Upper

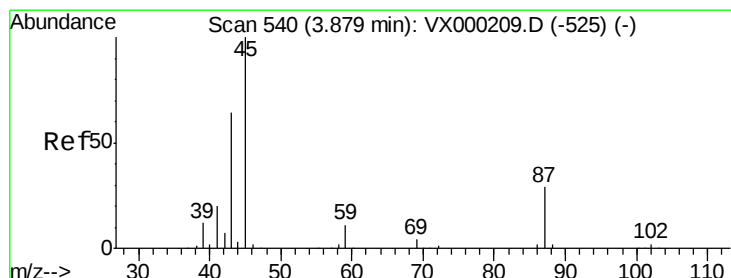
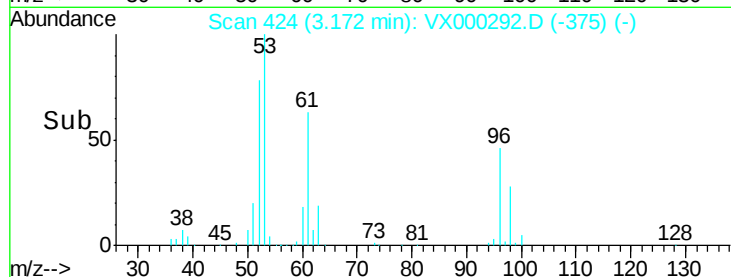
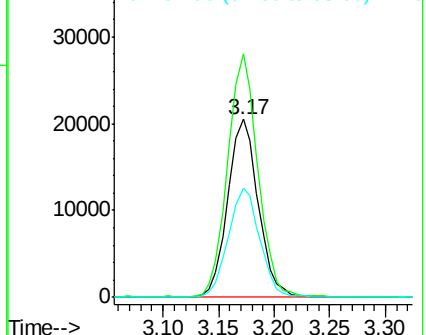
96 100

61 136.9 107.0 160.4

98 61.2 51.8 77.8



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: 18.37 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Tgt Ion: 45 Resp: 97867

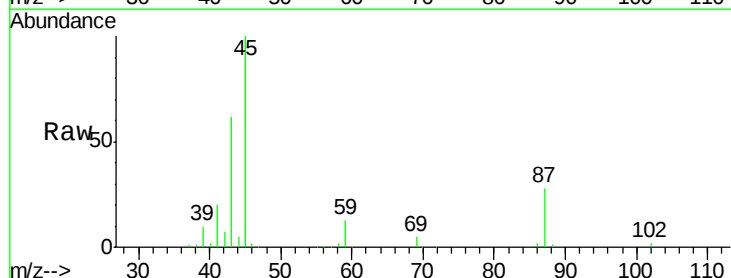
Ion Ratio Lower Upper

45 100

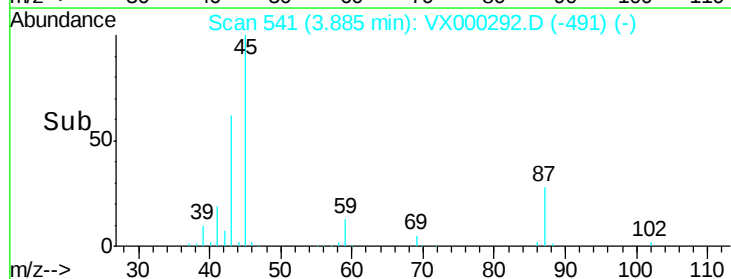
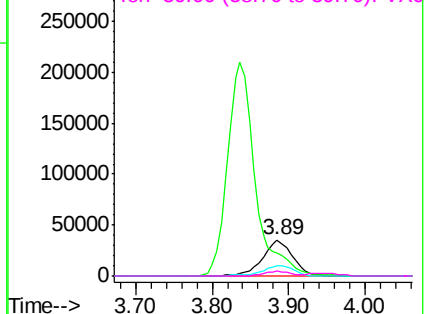
43 61.6 53.5 80.3

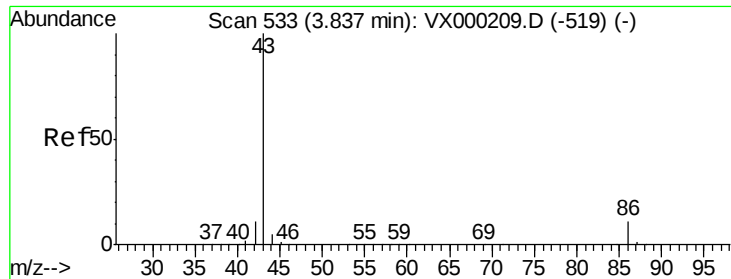
87 27.6 23.3 34.9

59 12.5 9.0 13.6



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: 102.54 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

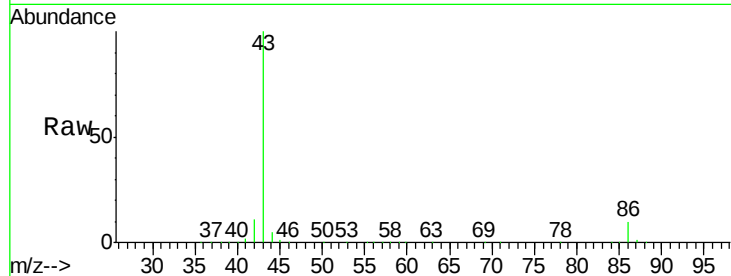
VX0313WBS01

Tot Ion: 43 Resp: 526443

Ion Ratio Lower Upper

43 100

86 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

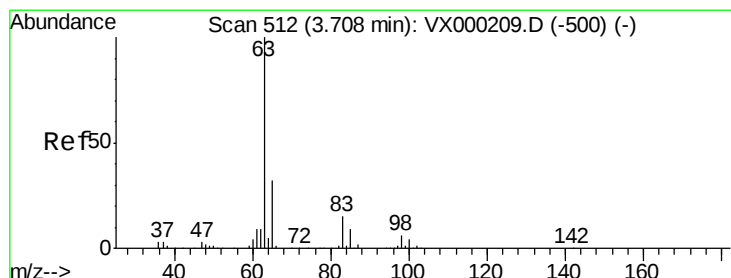
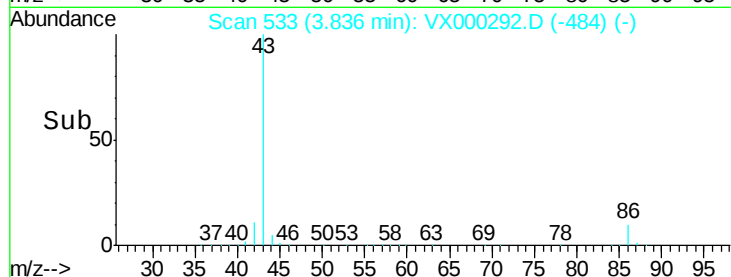
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

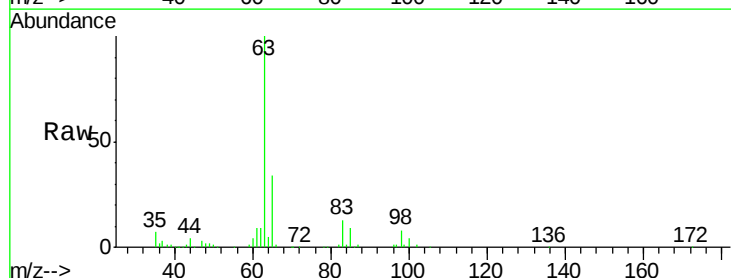
Tgt Ion: 63 Resp: 69366

Ion Ratio Lower Upper

63 100

98 8.2 3.1 9.4

100 3.8 2.2 6.6



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

40000

30000

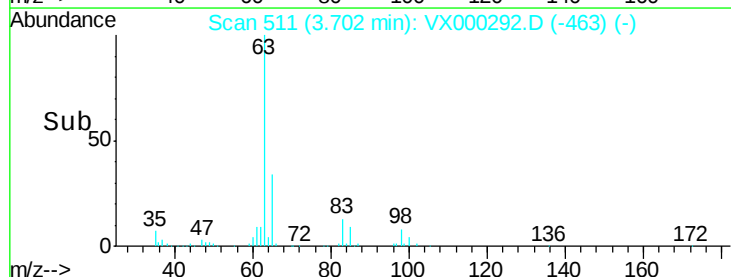
20000

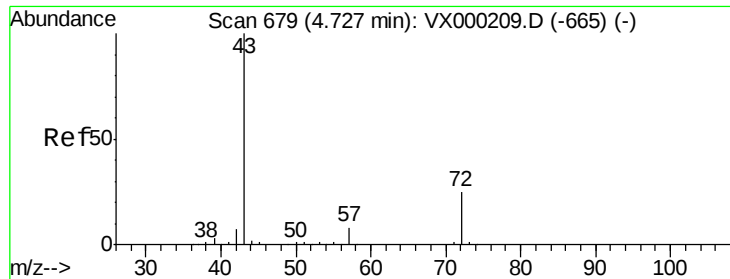
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 93.38 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

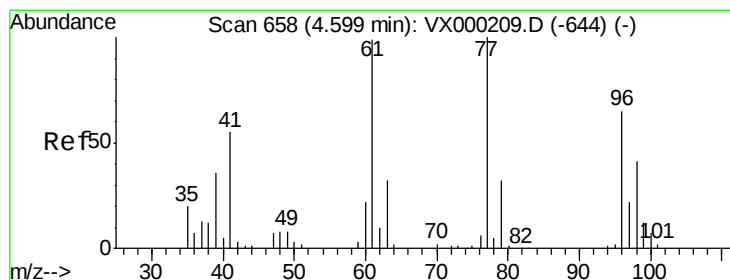
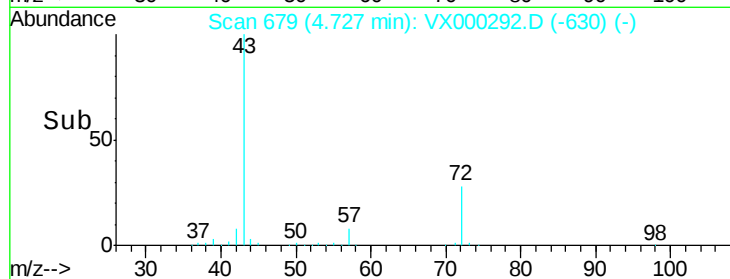
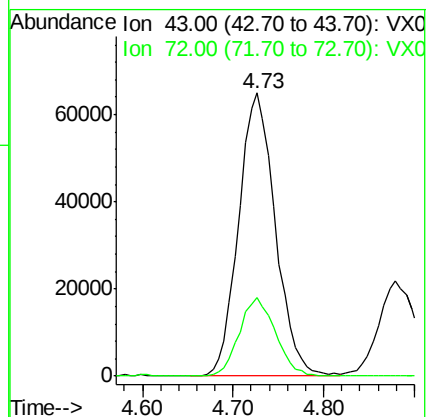
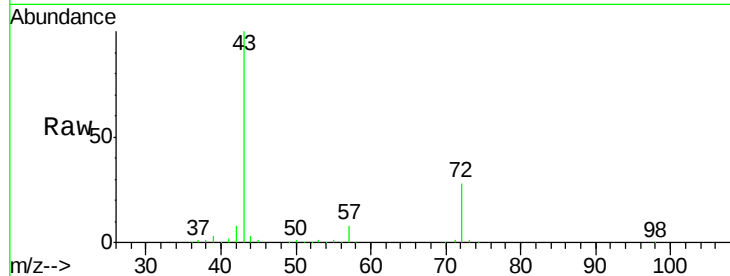
VX0313WBS01

Tot Ion: 43 Resp: 182647

Ion Ratio Lower Upper

43 100

72 27.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.13 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000292.D

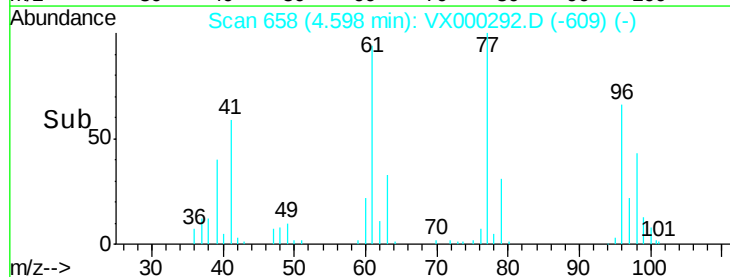
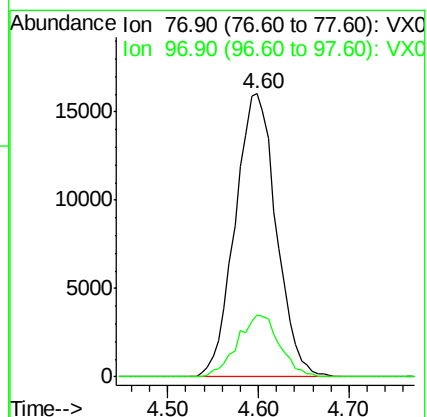
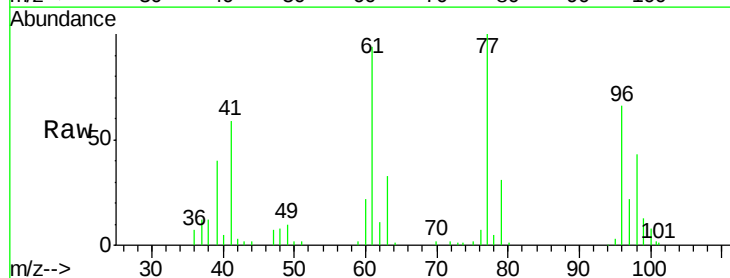
Acq: 13 Mar 2018 11:33

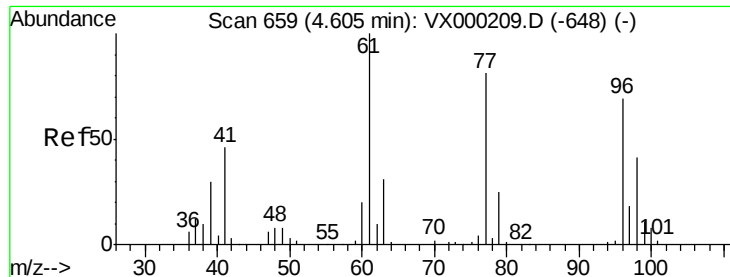
Tgt Ion: 77 Resp: 50429

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



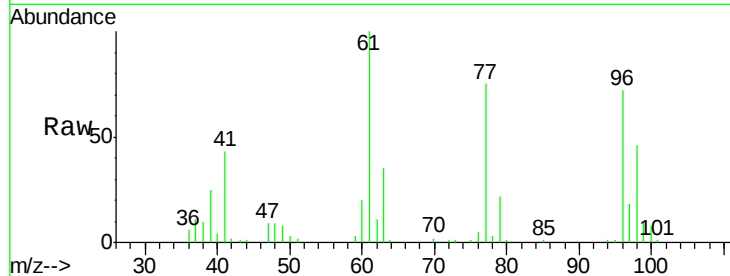


#27

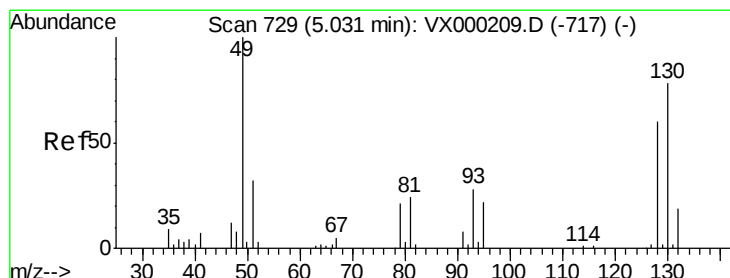
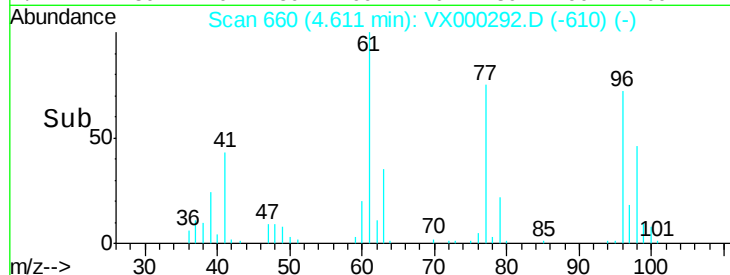
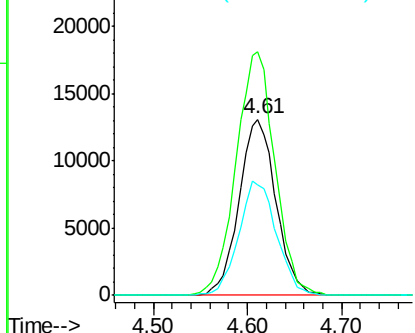
cis-1,2-Dichloroethene
Concen: 20.49 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 96 Resp: 35885
Ion Ratio Lower Upper
96 100
61 145.1 0.0 296.4
98 66.6 0.0 130.6



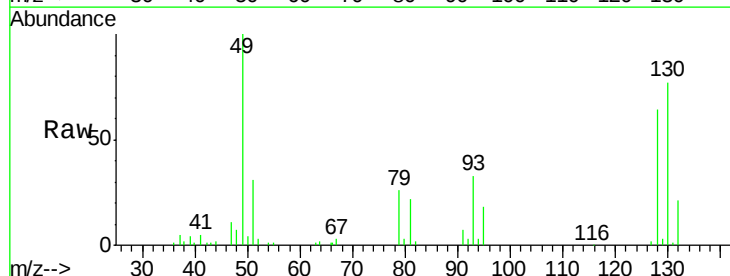
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



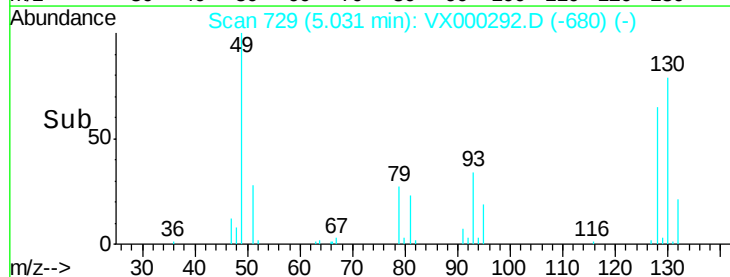
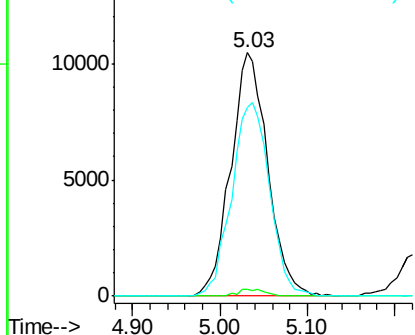
#28

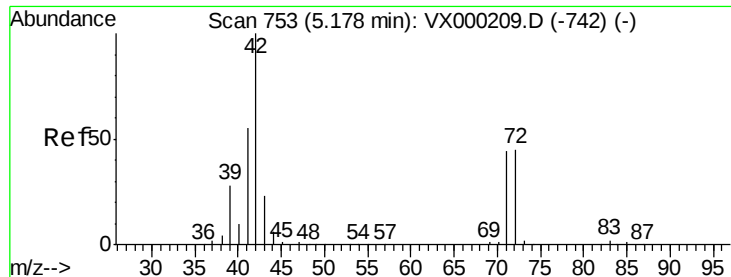
Bromochloromethane
Concen: 22.11 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 49 Resp: 30689
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 81.6 63.5 95.3



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

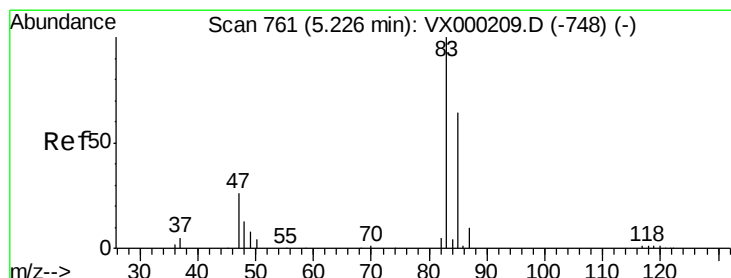
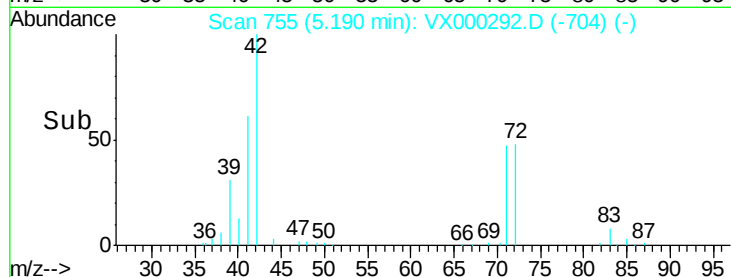
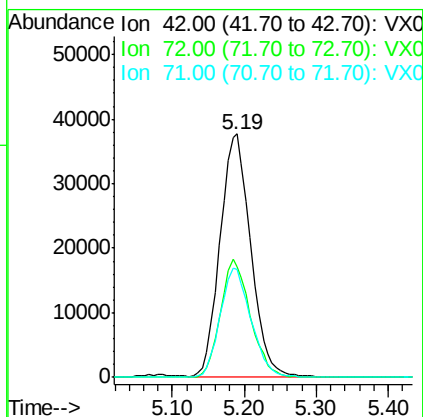
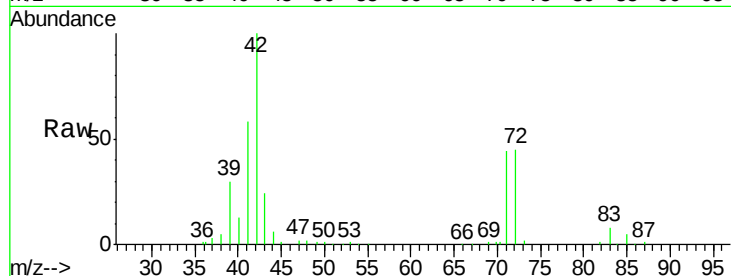




#29
Tetrahydrofuran
Concen: 90.96 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

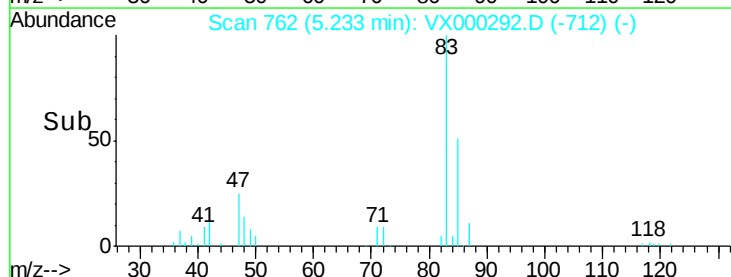
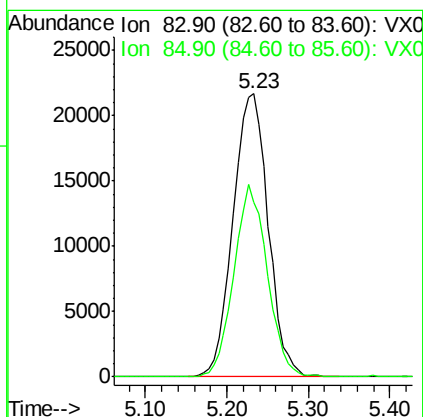
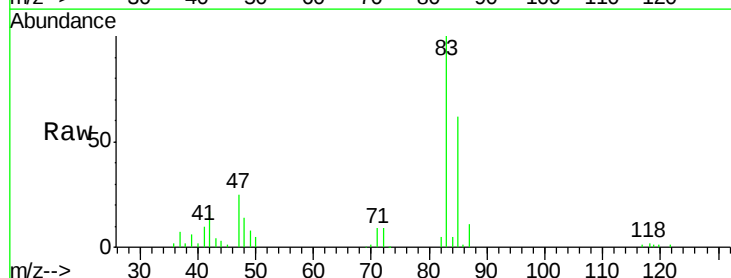
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

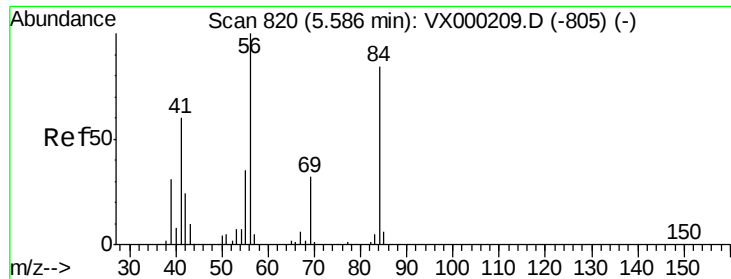
Tot Ion: 42 Resp: 111746
Ion Ratio Lower Upper
42 100
72 47.2 37.3 55.9
71 45.2 35.0 52.4



#30
Chloroform
Concen: 20.51 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 83 Resp: 64764
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.6

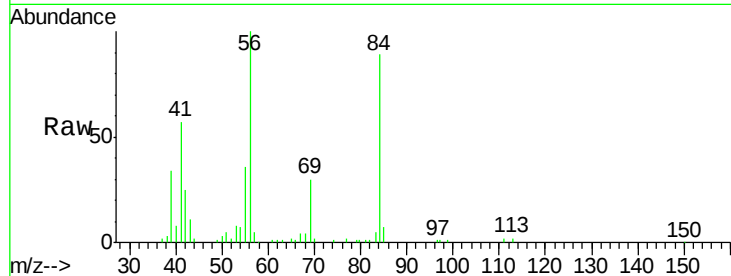




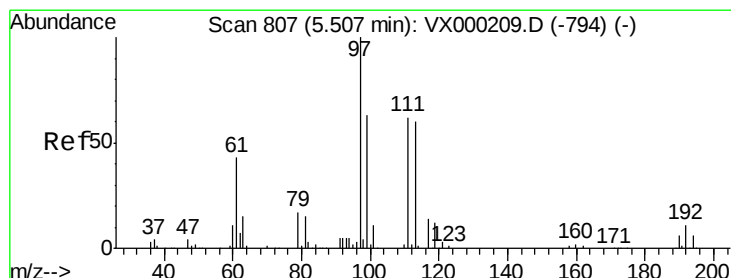
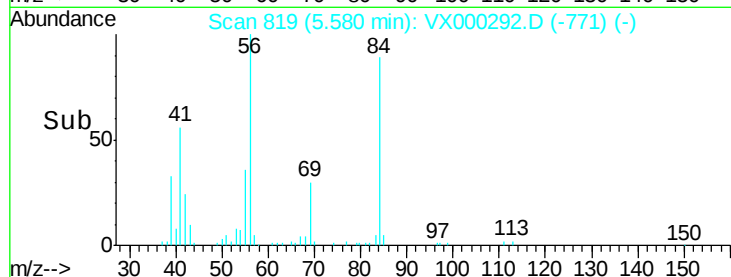
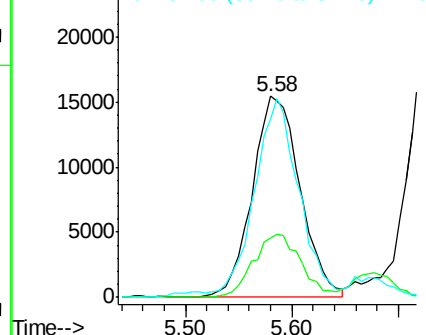
#31
Cyclohexane
Concen: 20.07 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 56 Resp: 48459
Ion Ratio Lower Upper
56 100
69 29.7 25.3 37.9
84 85.9 67.2 100.8

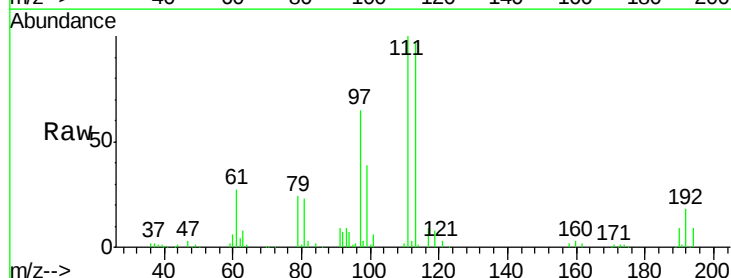


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

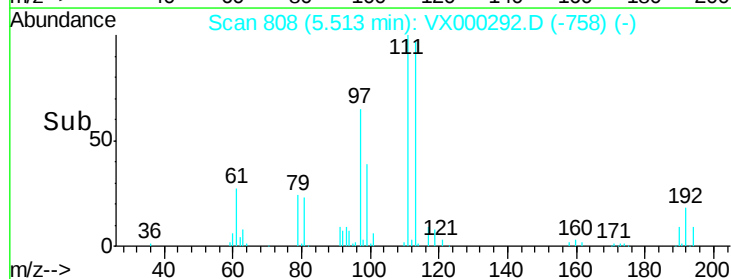
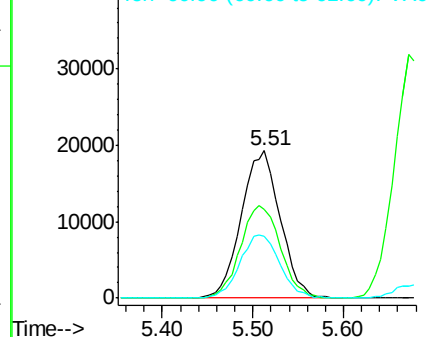


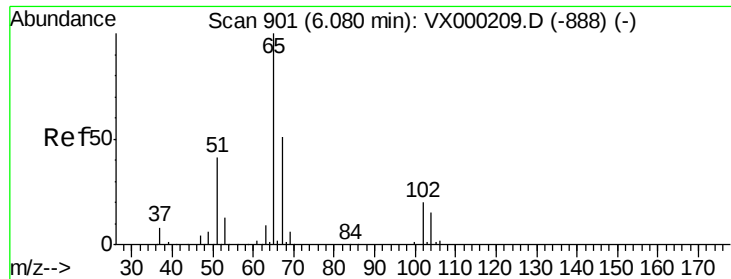
#32
1,1,1-Trichloroethane
Concen: 20.98 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 97 Resp: 57420
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 44.2 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

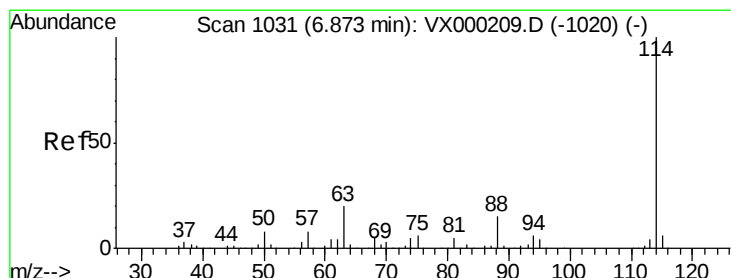
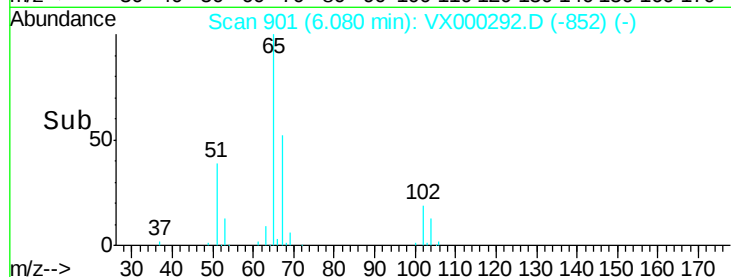
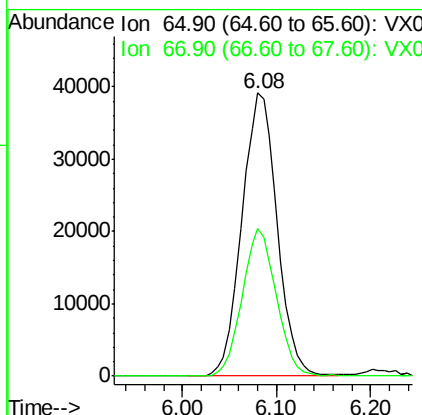
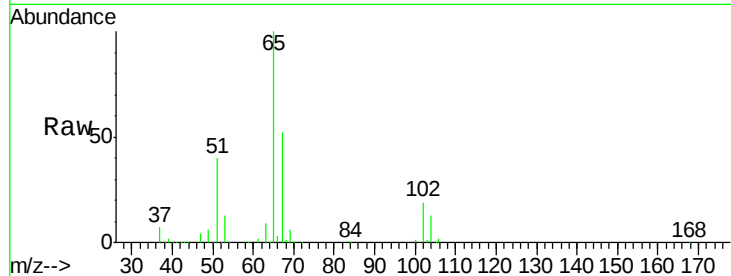




#33
 1,2-Dichloroethane-d4
 Concen: 46.40 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

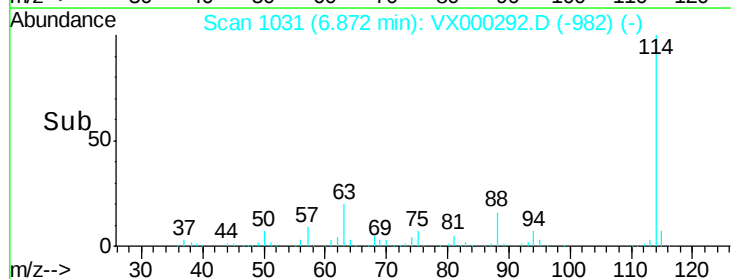
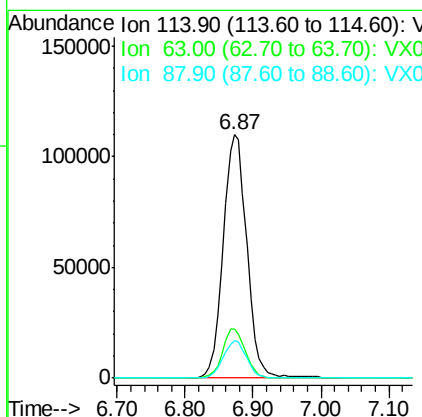
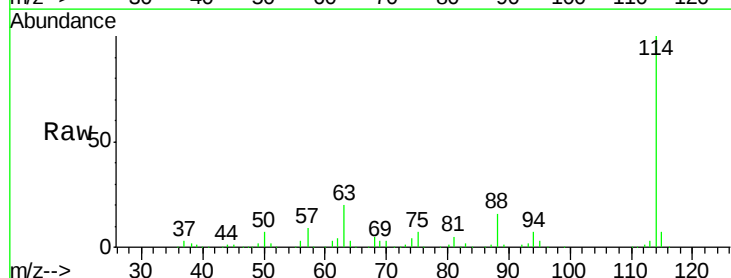
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

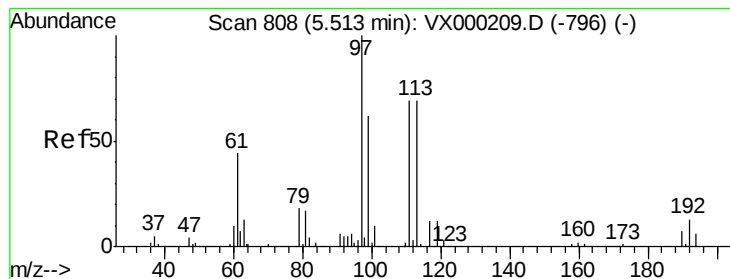
Tot Ion: 65 Resp: 102410
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion: 114 Resp: 265471
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS01

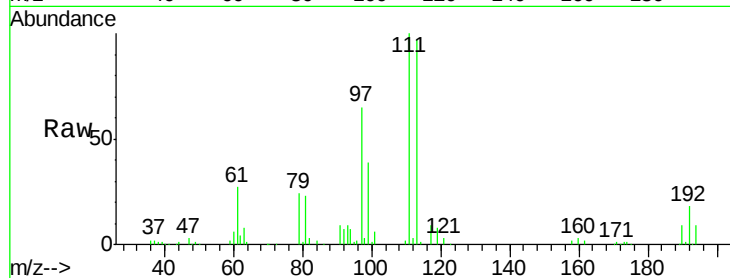
Tot Ion:113 Resp: 79995

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

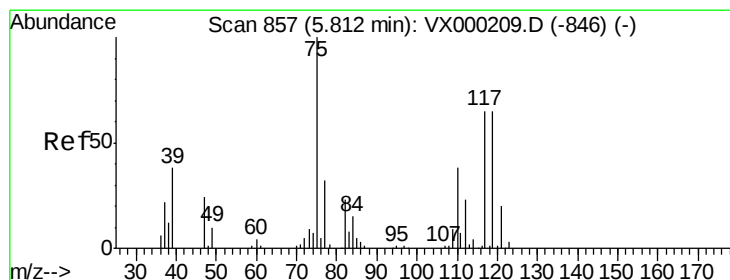
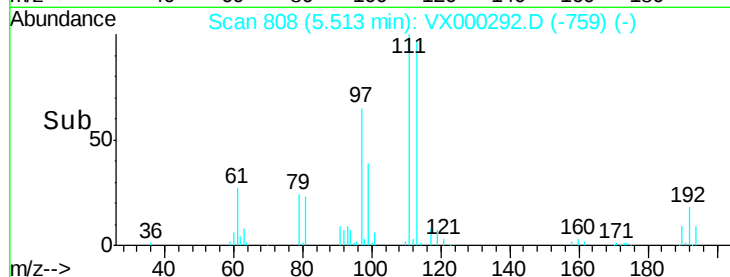
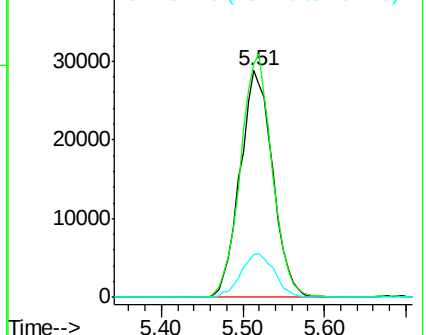
192 19.9 15.5 23.3



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: 20.11 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

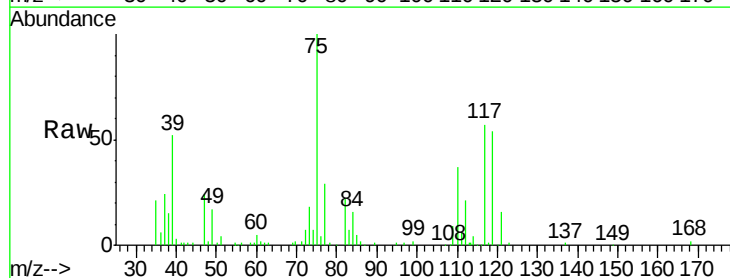
Tgt Ion: 75 Resp: 47513

Ion Ratio Lower Upper

75 100

110 36.7 17.8 53.5

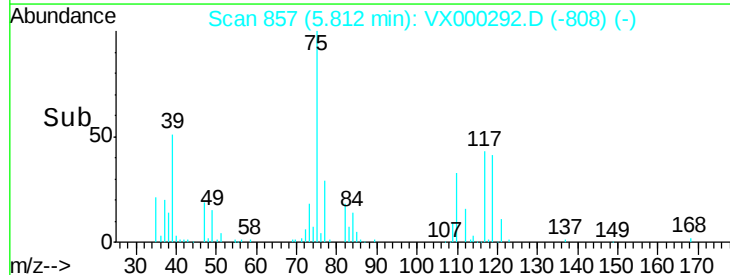
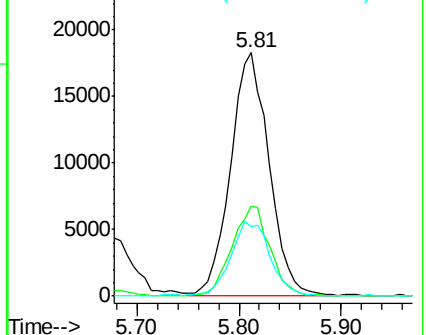
77 31.7 24.9 37.3

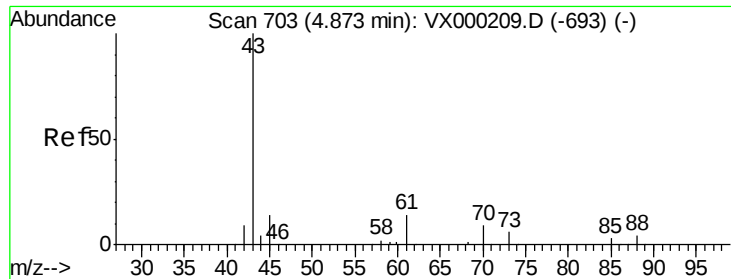


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

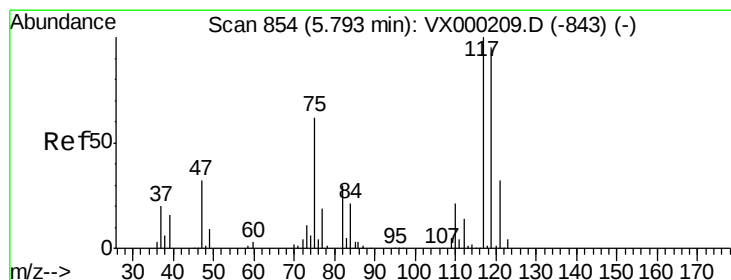
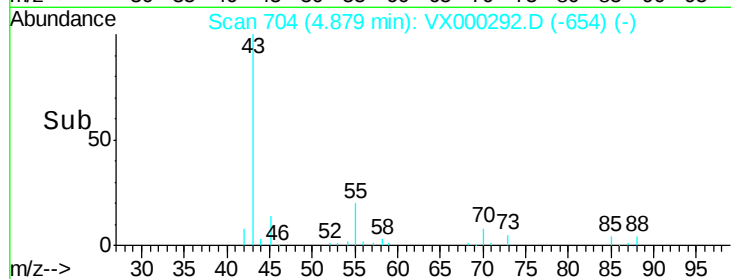
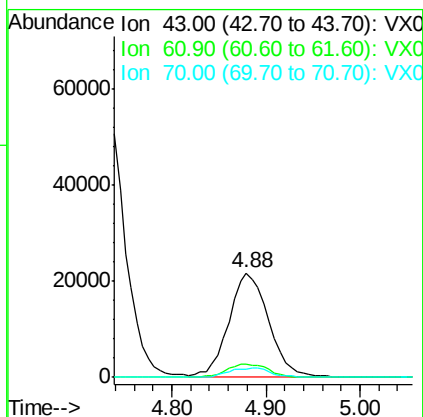
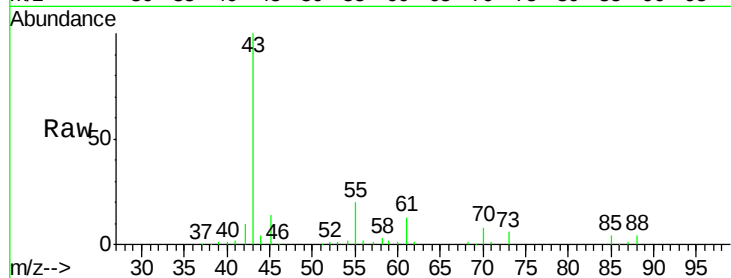




#37
Ethyl Acetate
Concen: 18.62 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

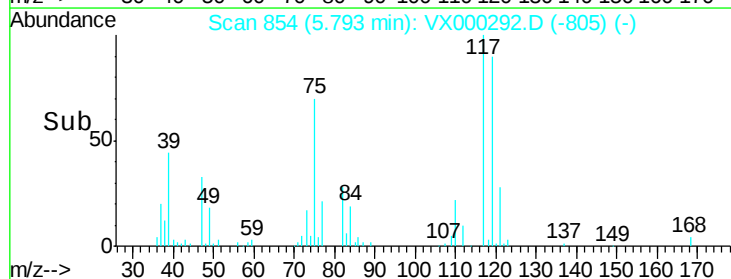
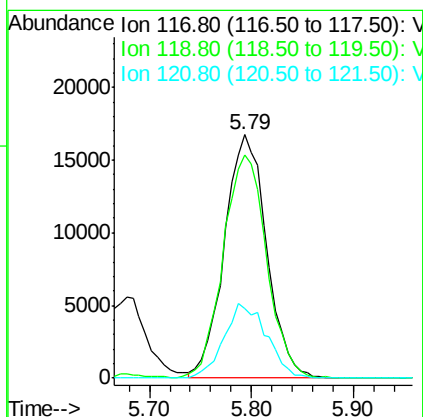
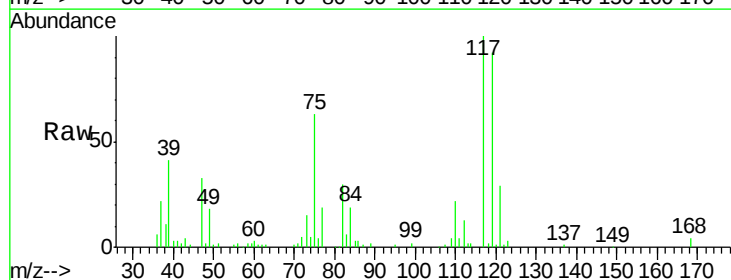
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

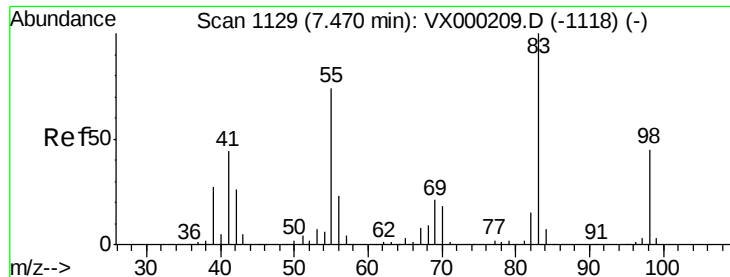
Tot Ion: 43 Resp: 63575
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.04 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 117 Resp: 47917
Ion Ratio Lower Upper
117 100
119 91.6 75.9 113.9
121 28.5 25.8 38.6

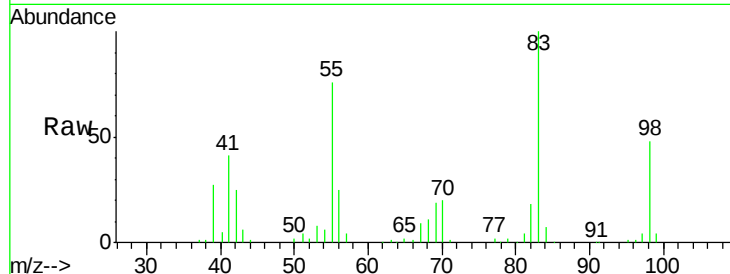




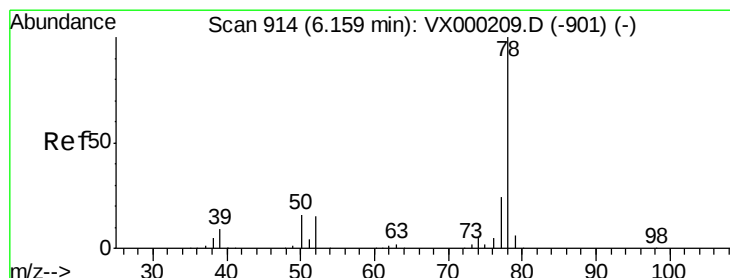
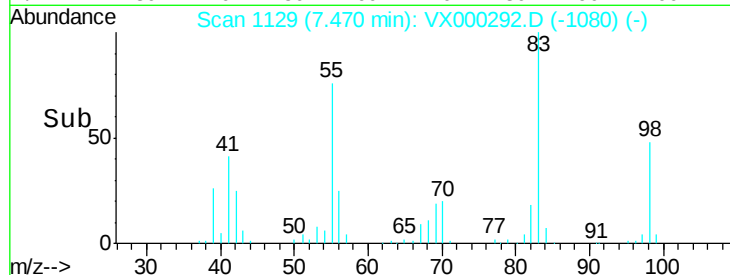
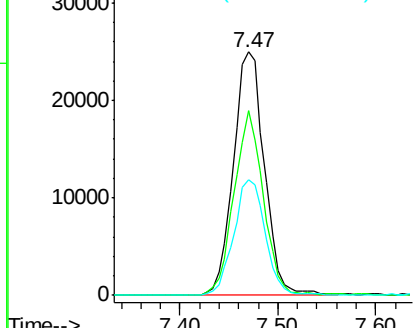
#39
Methvlcvclohexane
Concen: 19.00 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 83 Resp: 55071
Ion Ratio Lower Upper
83 100
55 76.1 59.4 89.0
98 47.6 36.3 54.5

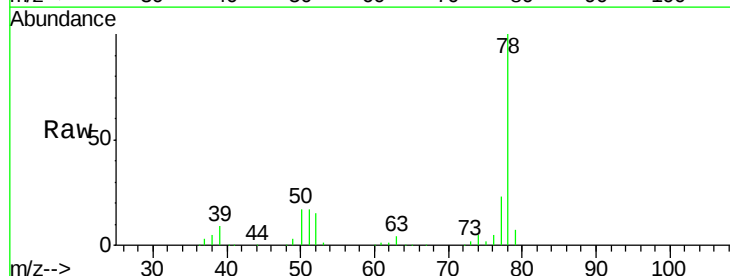


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

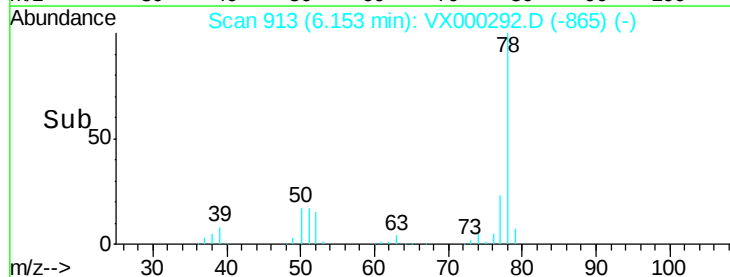
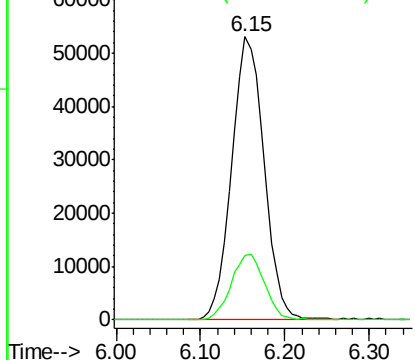


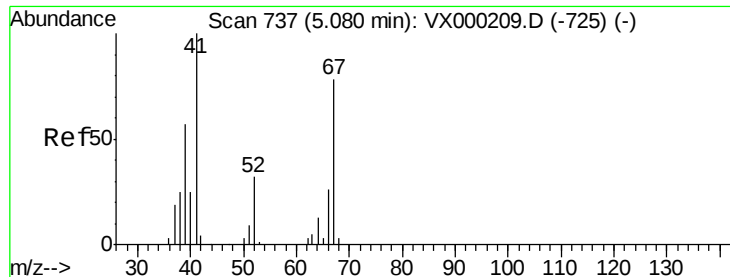
#40
Benzene
Concen: 20.28 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 78 Resp: 138168
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

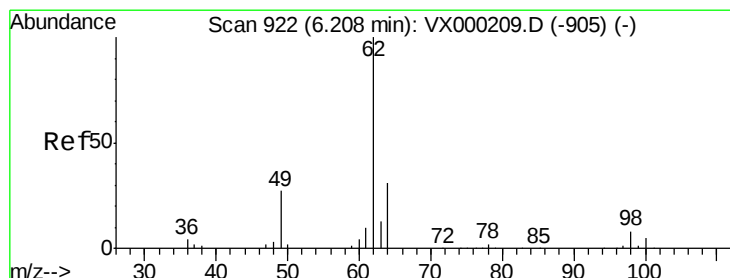
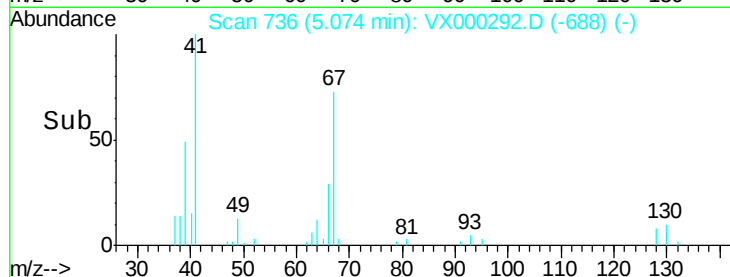
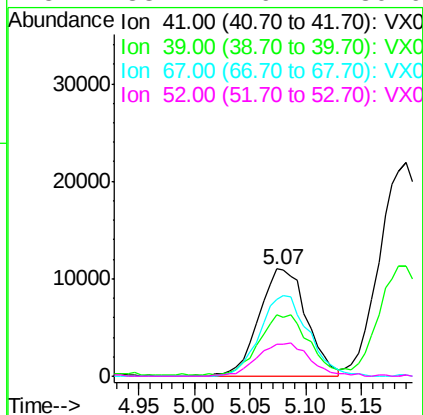
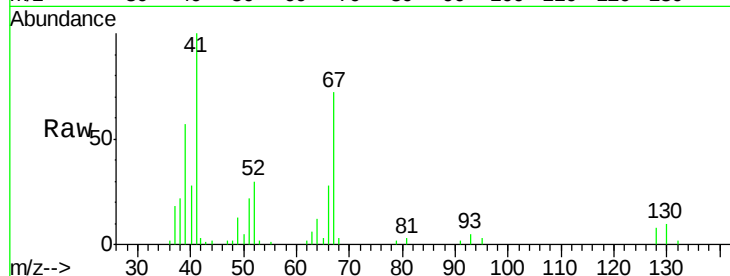




#41
Methacrylonitrile
Concen: 18.92 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

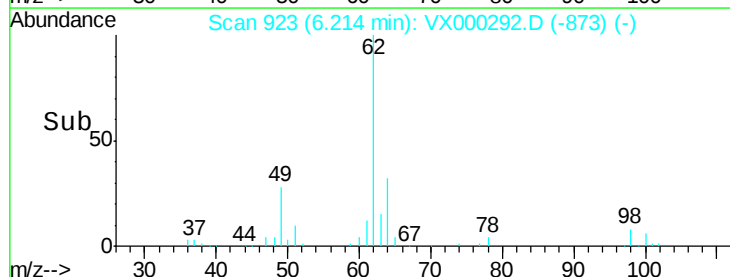
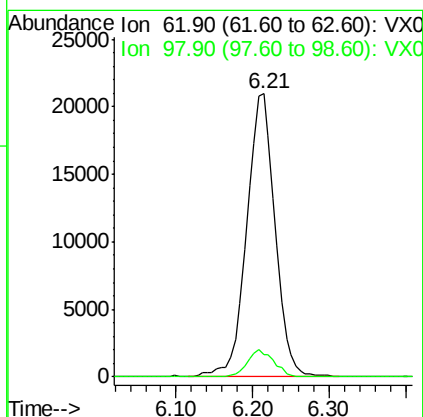
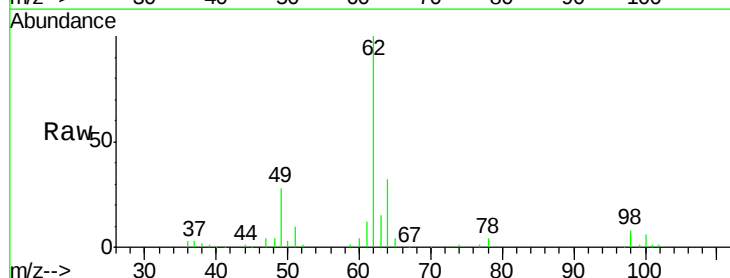
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

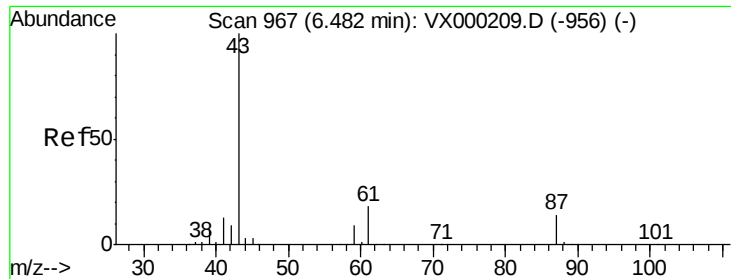
Tot Ion:	41	Resp:	32927
Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.8	71.6
67	76.6	59.3	88.9
52	33.7	26.4	39.6



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion:	62	Resp:	54278
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2



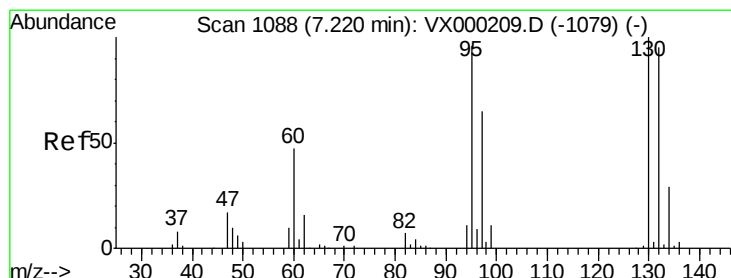
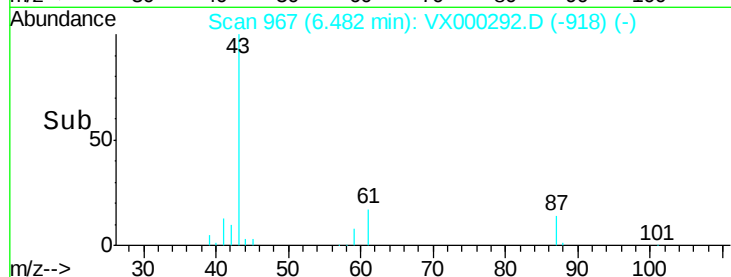
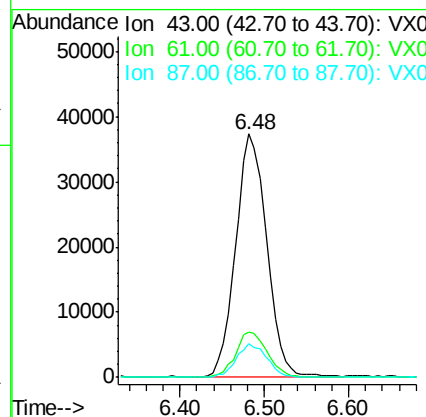
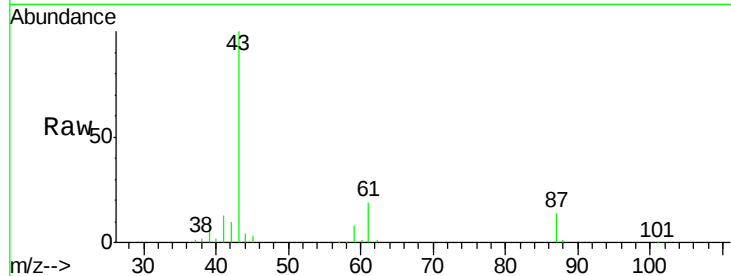


#43

Isopropyl Acetate
 Concen: 19.01 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

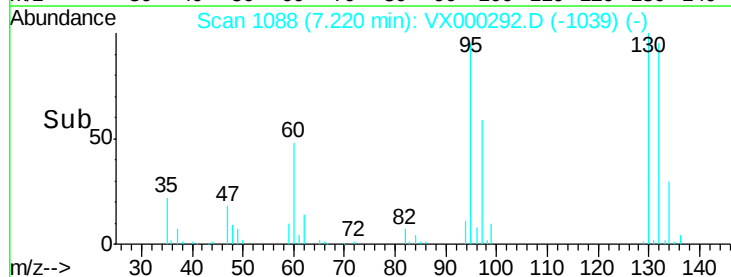
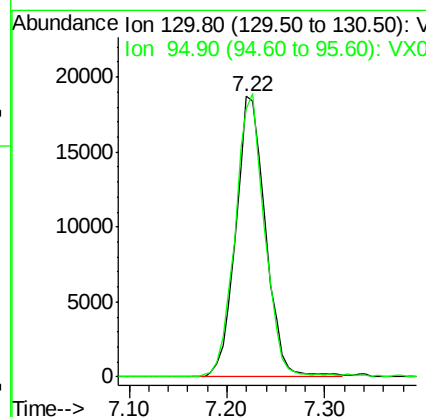
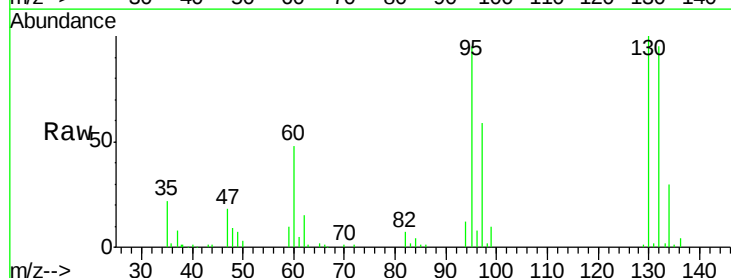
Tot Ion: 43 Resp: 93804
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.8 22.2
 87 13.5 10.6 16.0

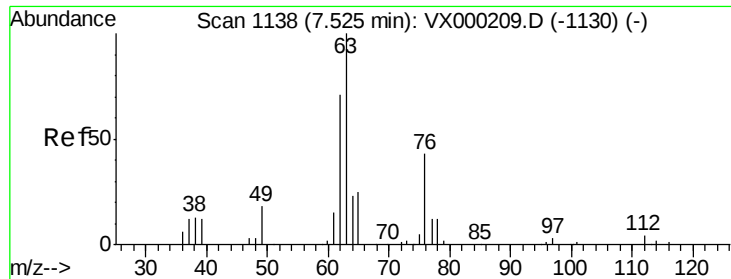


#44

Trichloroethene
 Concen: 20.21 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion: 130 Resp: 39410
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 191.8





#45

1,2-Dichloropropane

Concen: 20.11 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

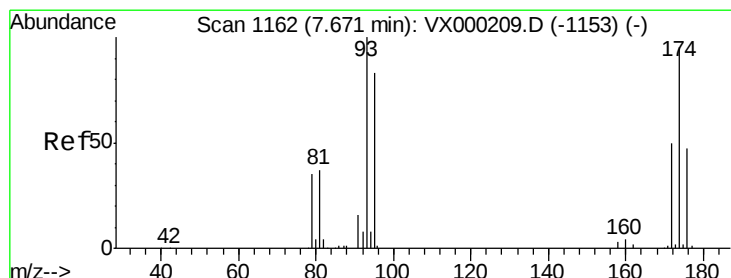
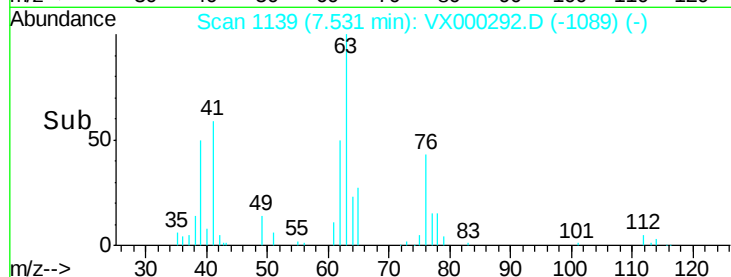
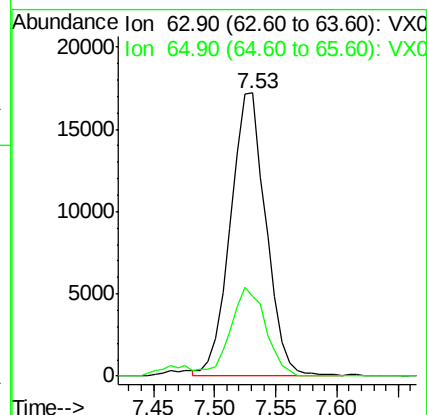
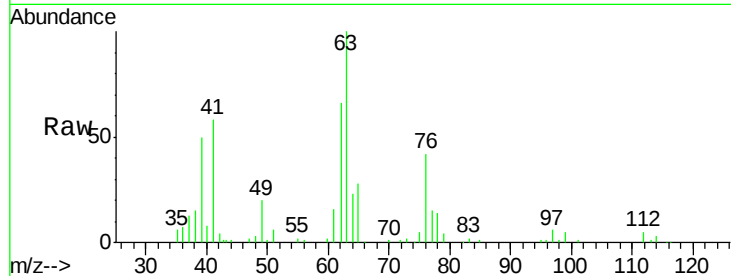
VX0313WBS01

Tot Ion: 63 Resp: 34705

Ion Ratio Lower Upper

63 100

65 28.2 22.3 33.5



#46

Dibromomethane

Concen: 20.14 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

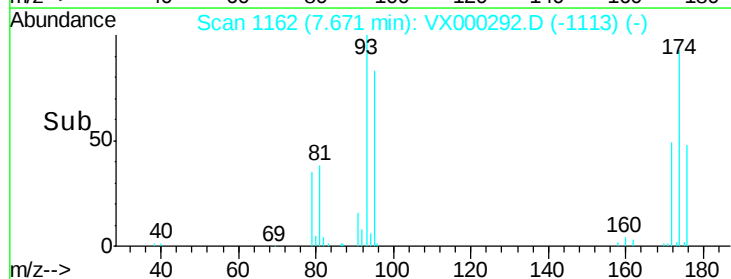
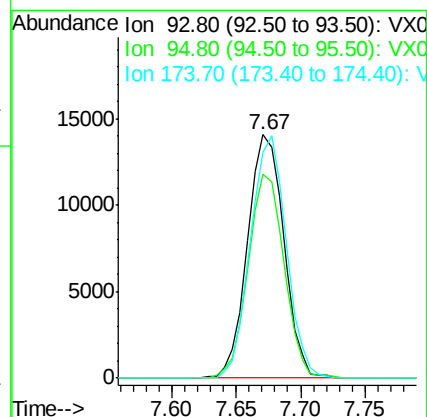
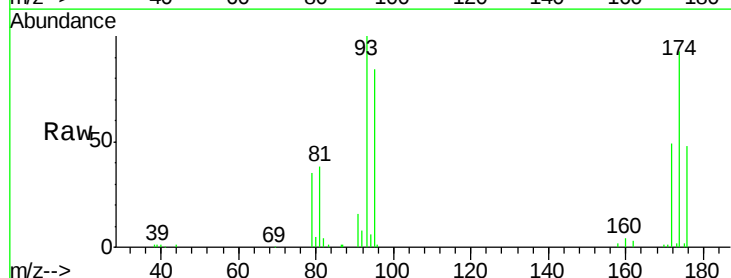
Tgt Ion: 93 Resp: 27489

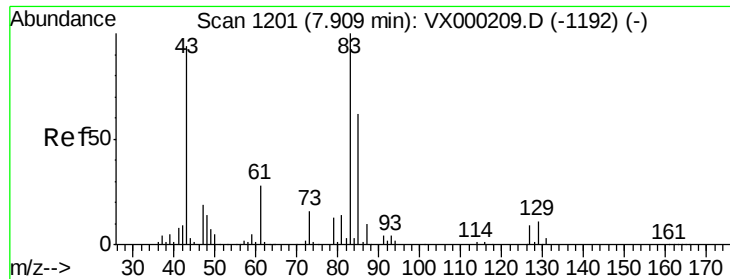
Ion Ratio Lower Upper

93 100

95 83.0 64.1 96.1

174 98.0 75.8 113.8





#47

Bromodichloromethane

Concen: 20.18 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

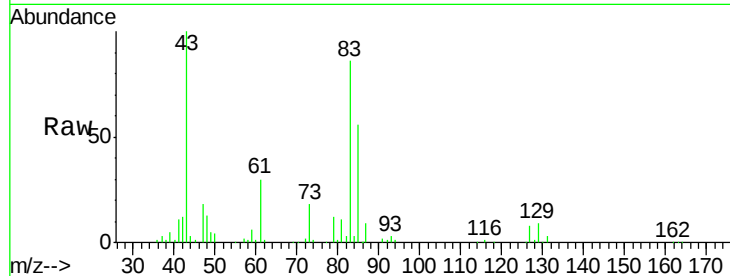
Tot Ion: 83 Resp: 48453

Ion Ratio Lower Upper

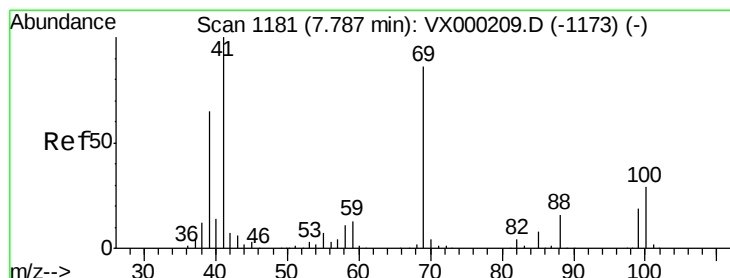
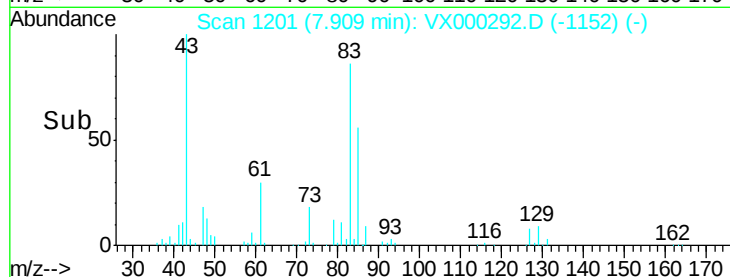
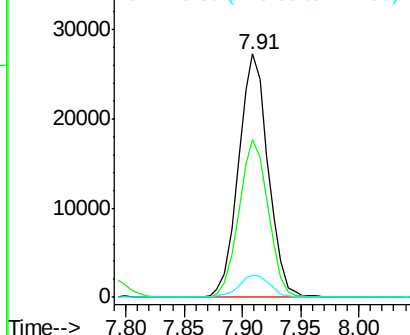
83 100

85 64.7 49.6 74.4

127 8.9 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: 18.78 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

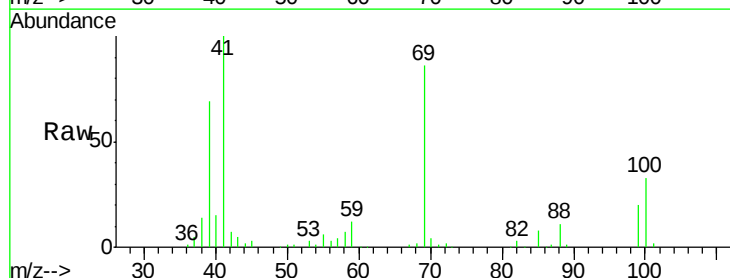
Tgt Ion: 41 Resp: 45646

Ion Ratio Lower Upper

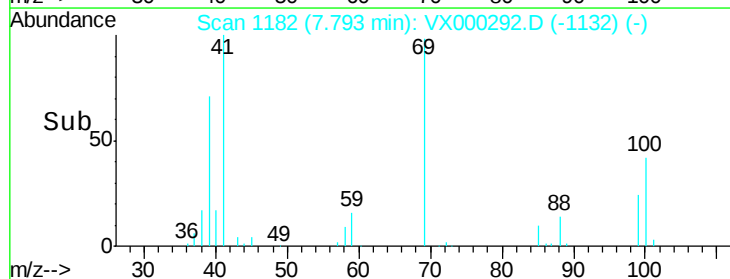
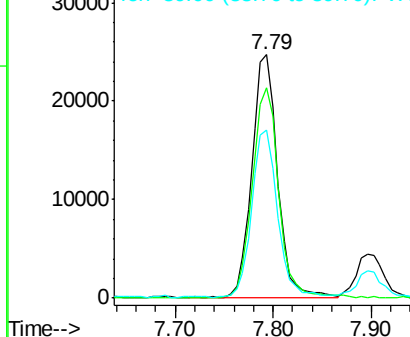
41 100

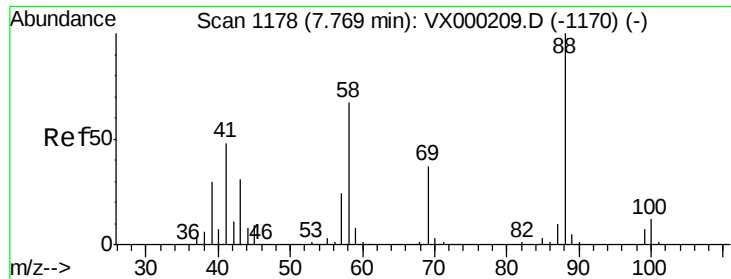
69 88.4 70.0 105.0

39 68.6 53.6 80.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

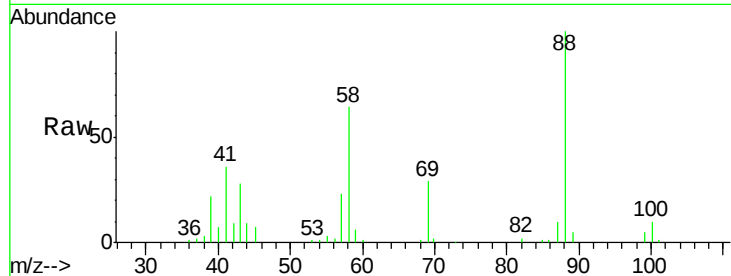




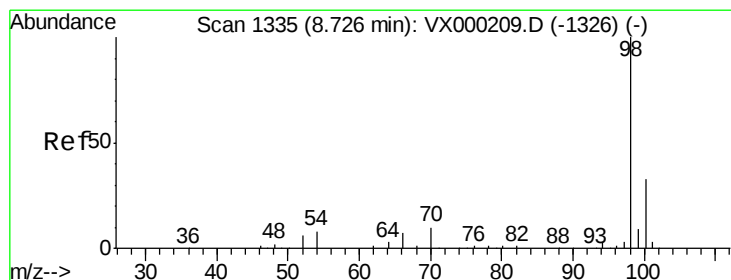
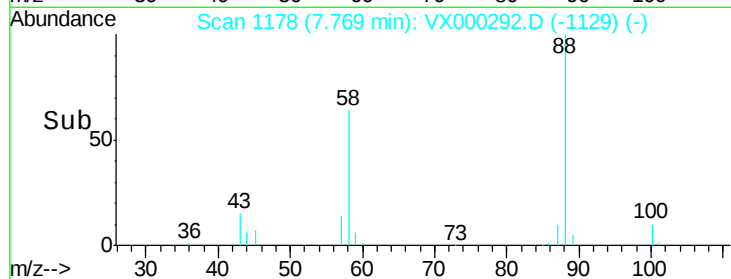
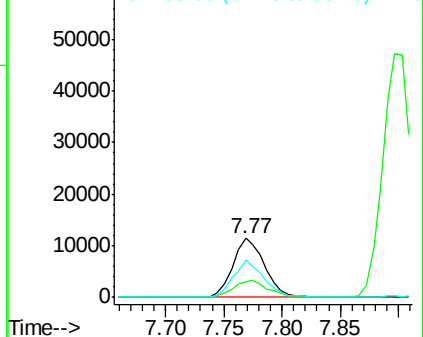
#49
1,4-Dioxane
Concen: 391.43 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 88 Resp: 21602
Ion Ratio Lower Upper
88 100
43 32.0 26.9 40.3
58 61.1 52.2 78.4

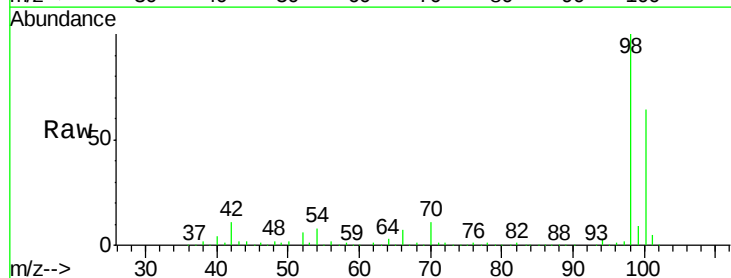


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

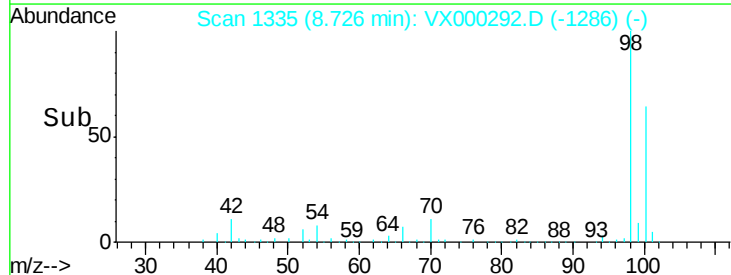
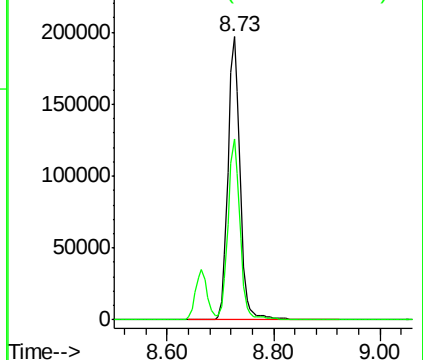


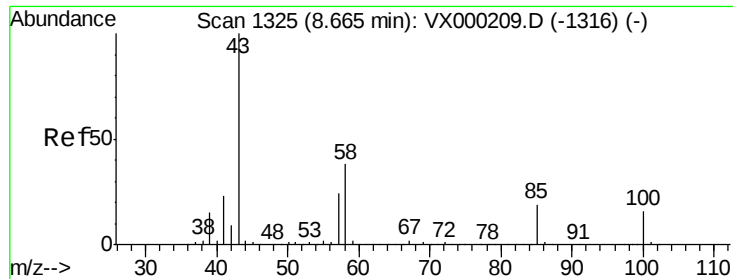
#50
Toluene-d8
Concen: 45.94 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 98 Resp: 317313
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 95.08 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

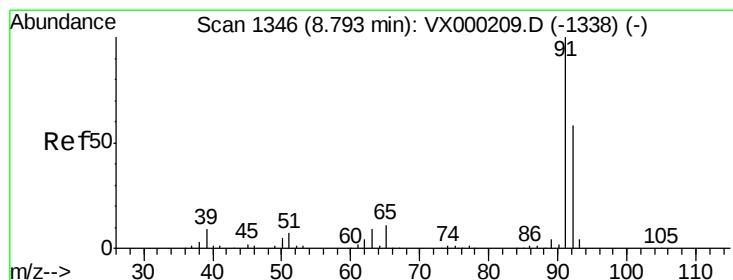
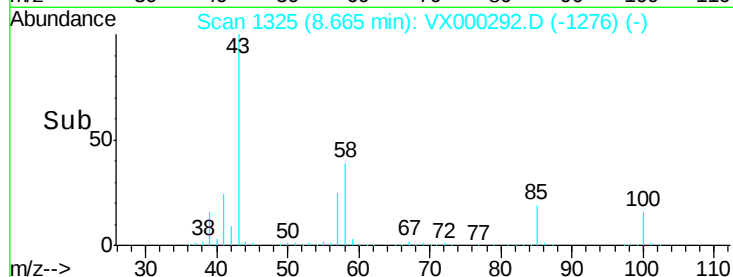
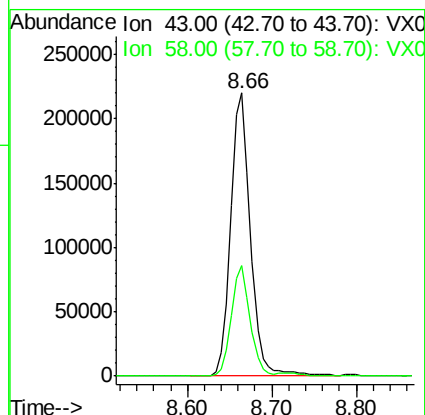
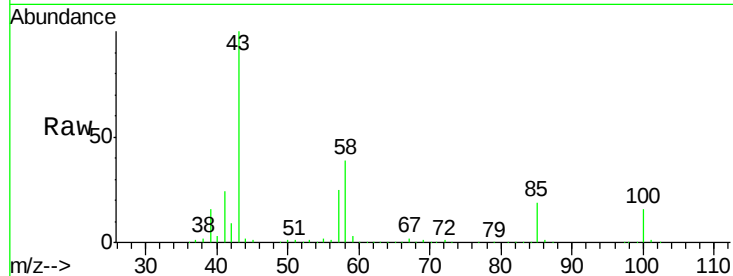
VX0313WBS01

Tot Ion: 43 Resp: 354200

Ion Ratio Lower Upper

43 100

58 36.7 30.2 45.2



#52

Toluene

Concen: 20.25 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000292.D

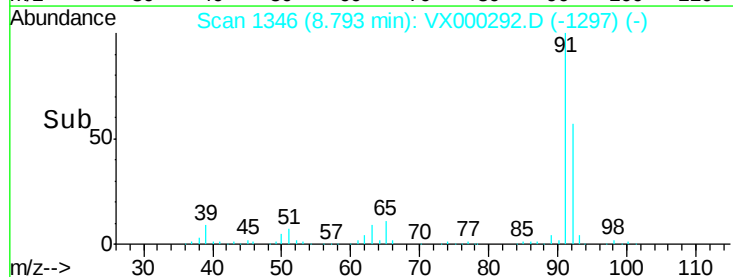
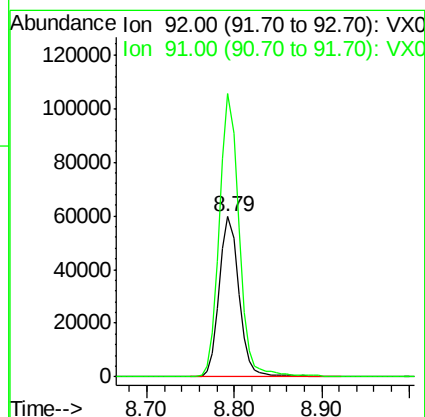
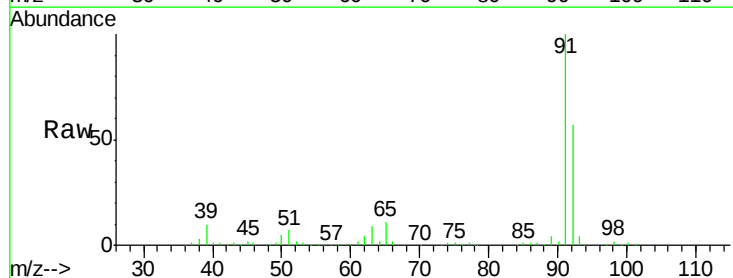
Acq: 13 Mar 2018 11:33

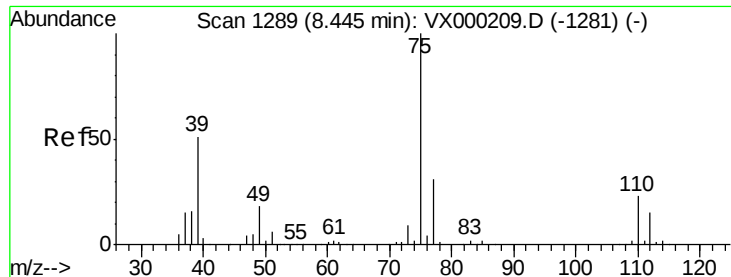
Tgt Ion: 92 Resp: 94529

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6

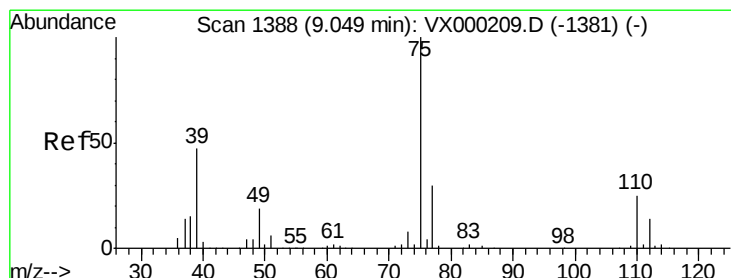
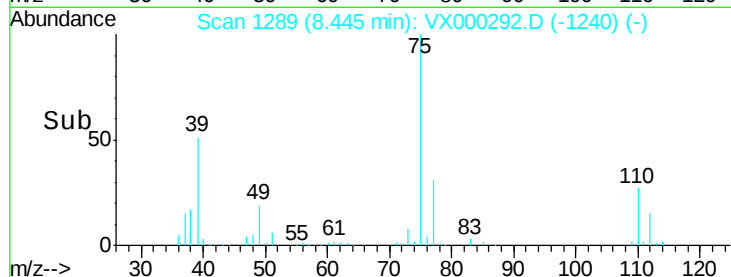
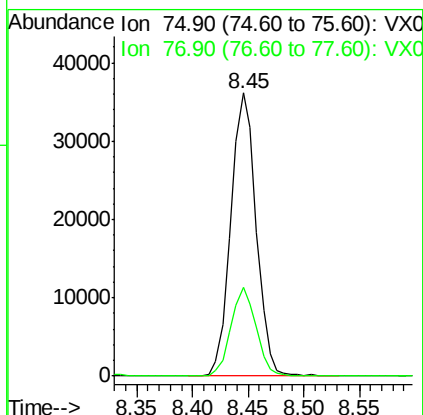
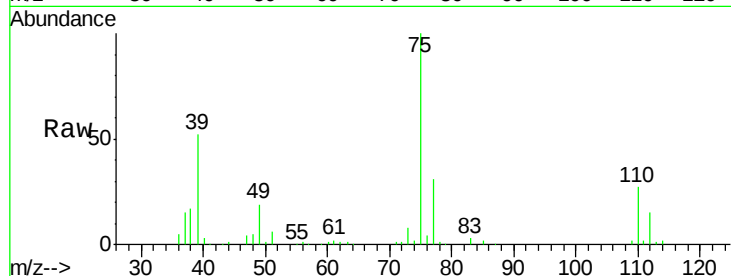




#53
t-1,3-Dichloropropene
Concen: 20.13 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

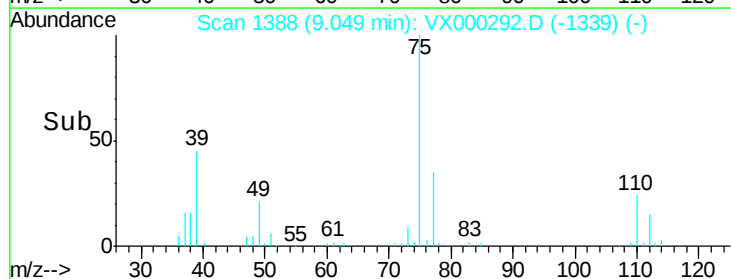
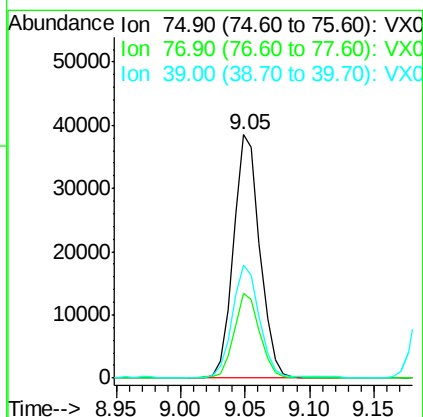
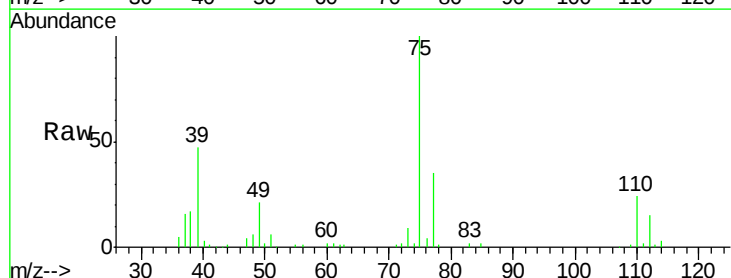
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

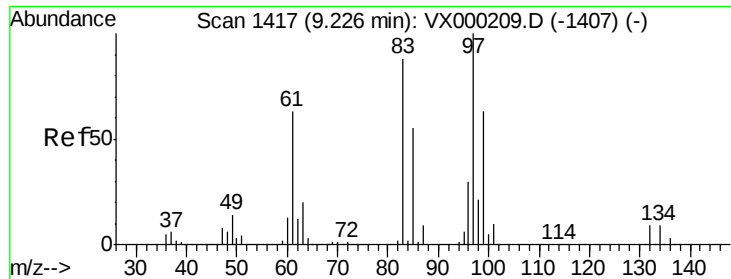
Tot Ion: 75 Resp: 56975
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 20.06 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 75 Resp: 54925
Ion Ratio Lower Upper
75 100
77 34.7 23.9 35.9
39 46.6 37.4 56.2

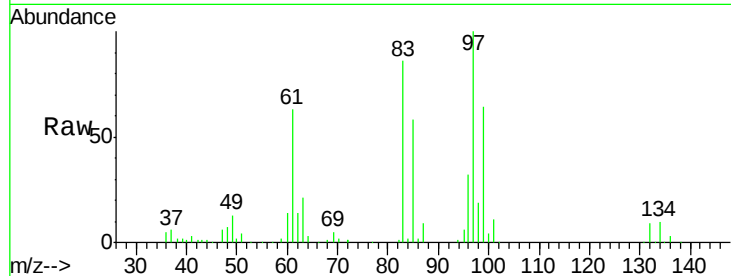




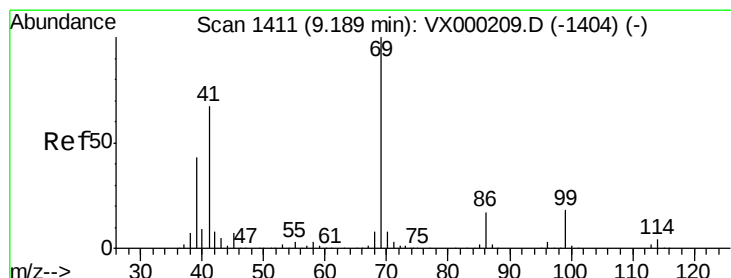
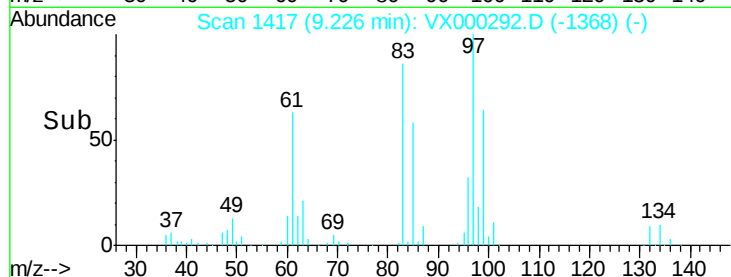
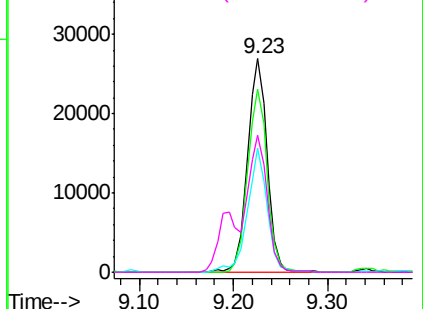
#55
 1,1,2-Trichloroethane
 Concen: 20.70 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion:	97	Resp:	39145
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.4	105.6
85	58.3	43.9	65.9
99	64.3	50.5	75.7

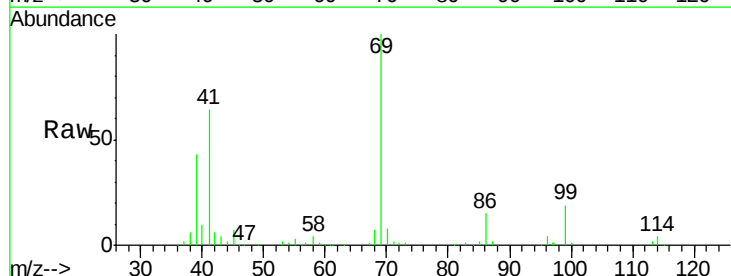


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

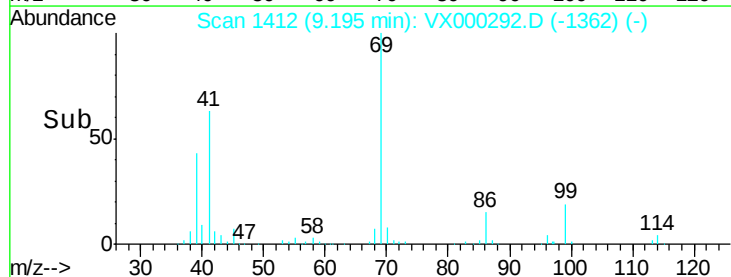
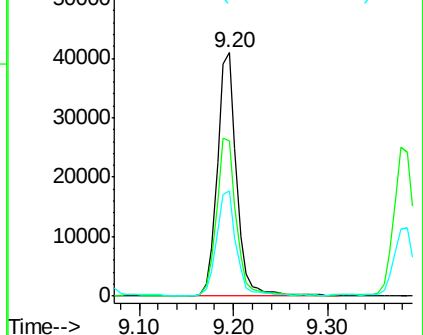


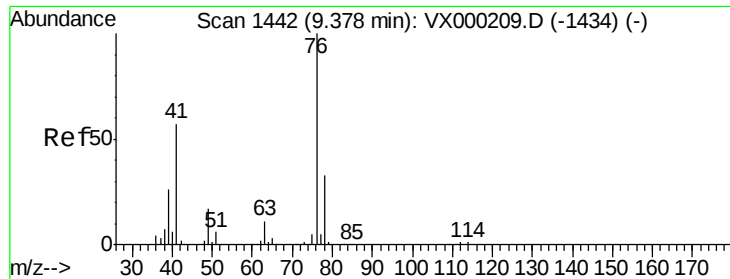
#56
 Ethyl methacrylate
 Concen: 20.53 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion:	69	Resp:	58097
Ion	Ratio	Lower	Upper
69	100		
41	66.8	52.2	78.2
39	43.4	34.3	51.5



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

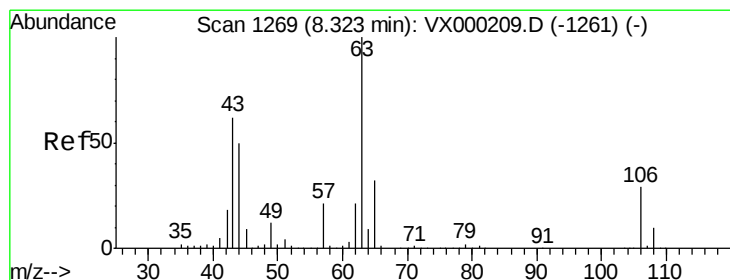
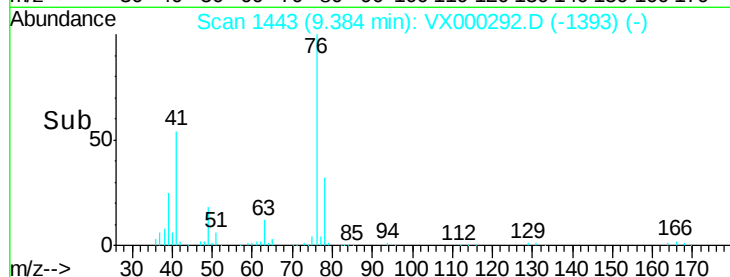
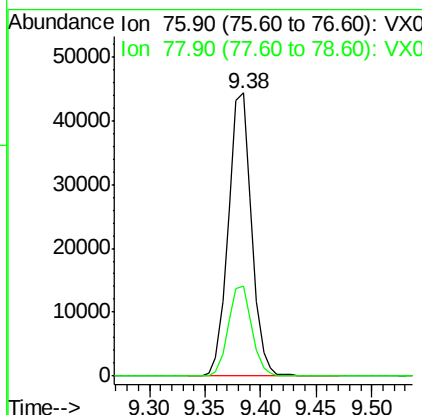
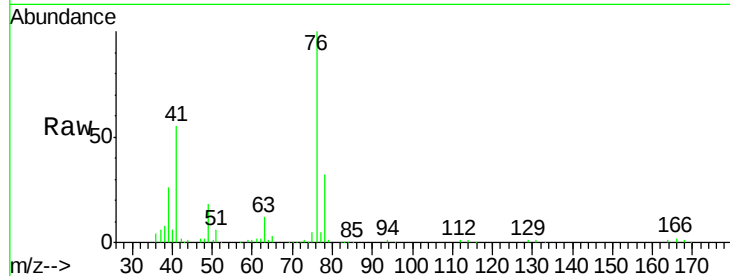




#57
 1,3-Dichloropropane
 Concen: 20.13 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

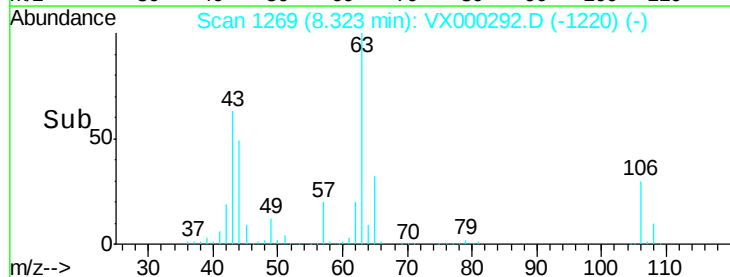
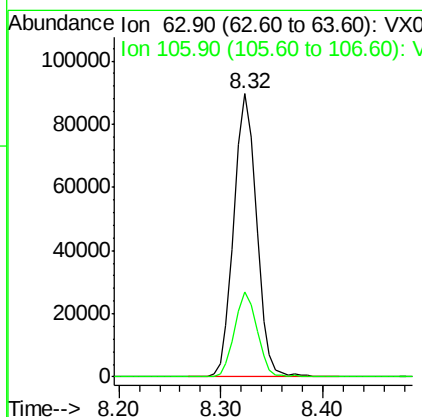
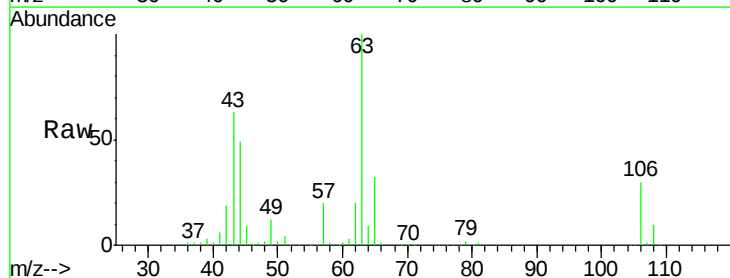
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

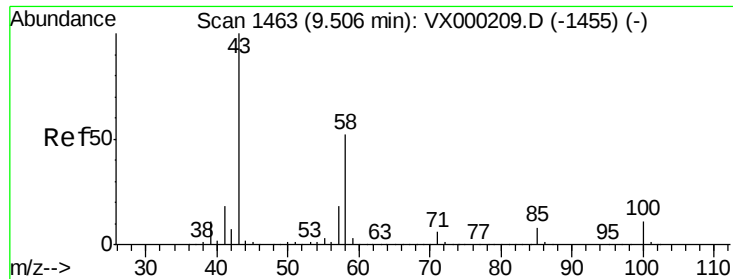
Tot Ion: 76 Resp: 63915
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion: 63 Resp: 138198
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.2 34.8

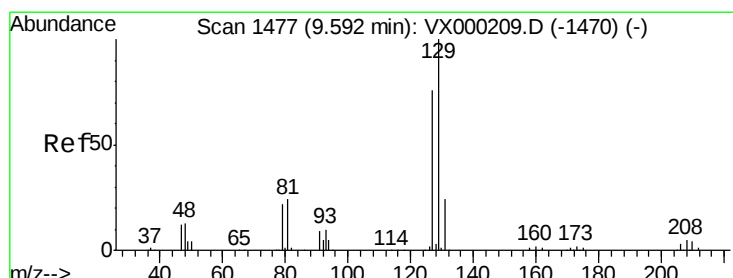
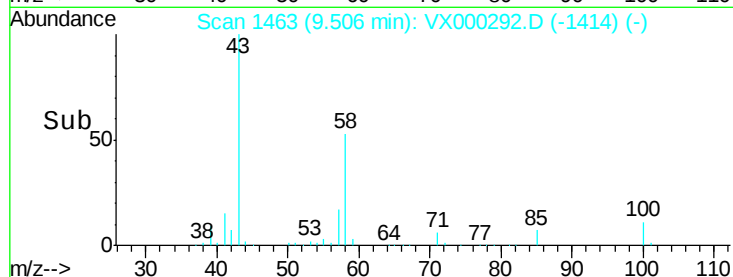
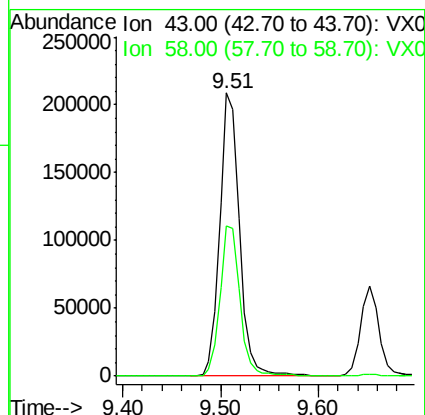
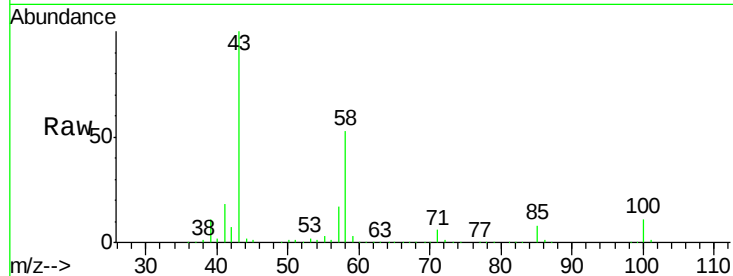




#59
2-Hexanone
Concen: 92.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

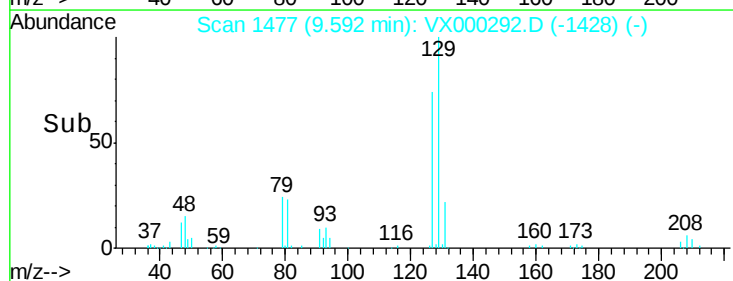
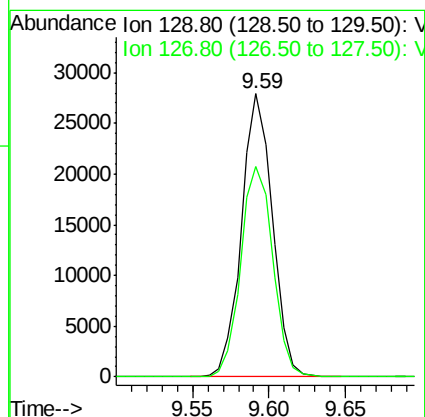
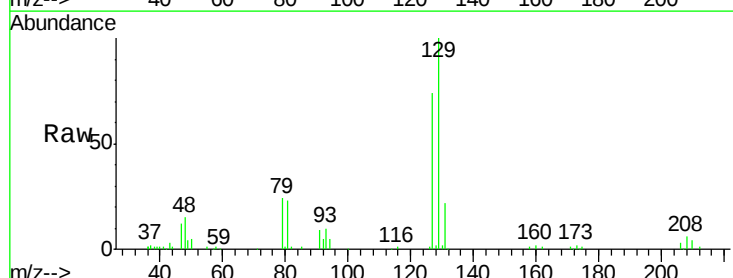
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

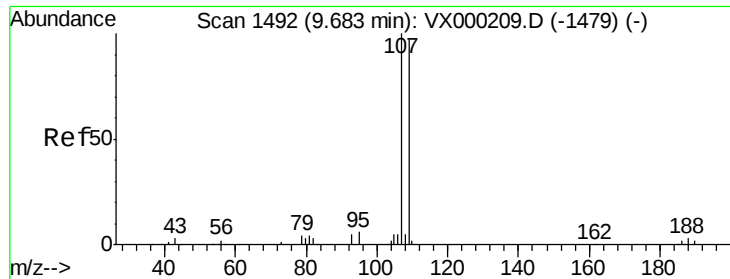
Tot Ion: 43 Resp: 293530
Ion Ratio Lower Upper
43 100
58 53.6 26.6 79.7



#60
Dibromochloromethane
Concen: 19.71 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 129 Resp: 39301
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

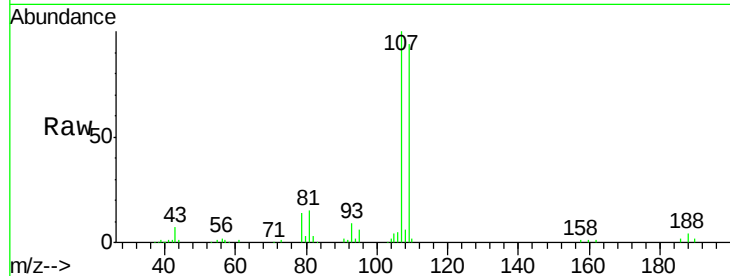
VX0313WBS01

Tot Ion:107 Resp: 42663

Ion Ratio Lower Upper

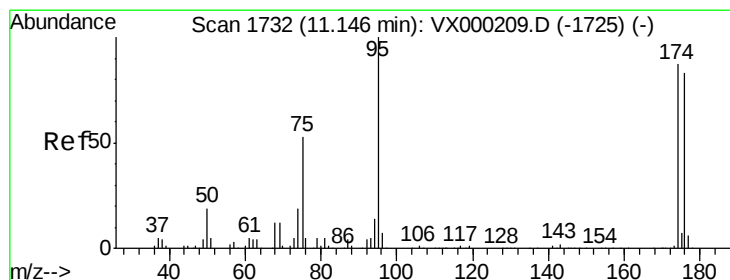
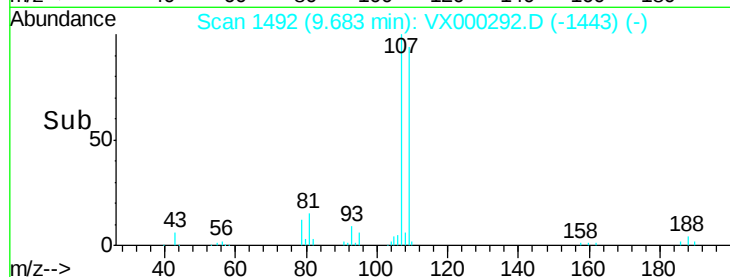
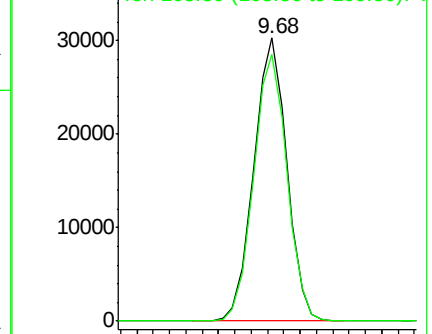
107 100

109 95.6 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

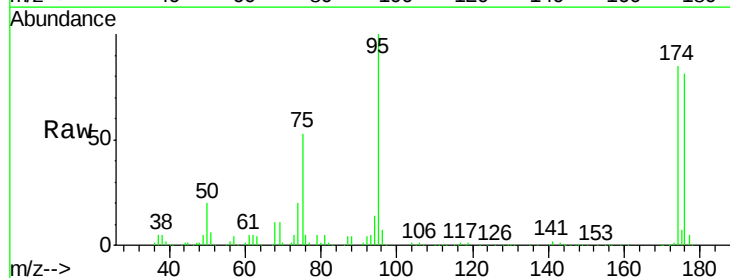
Tgt Ion: 95 Resp: 121822

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.6

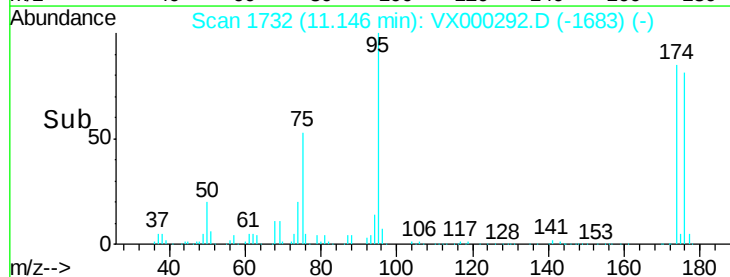
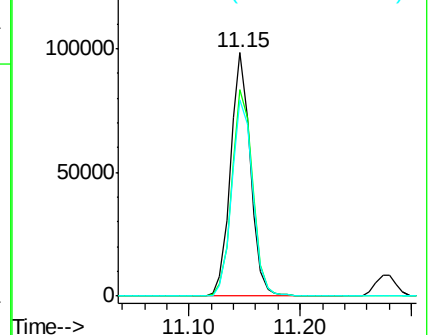
176 84.9 0.0 171.0

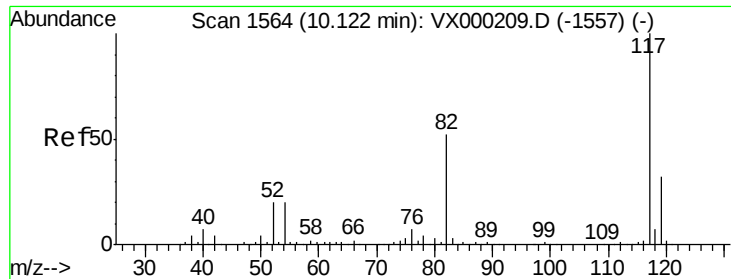


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

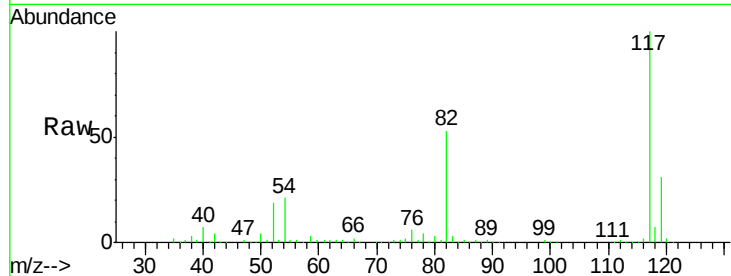




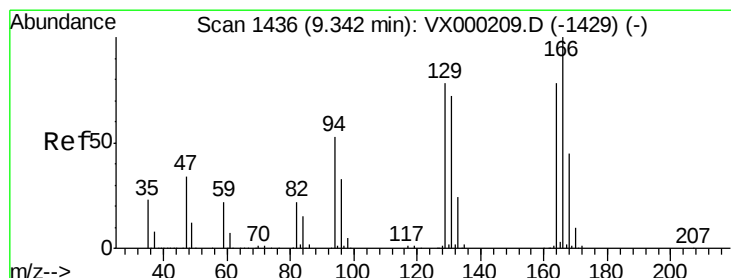
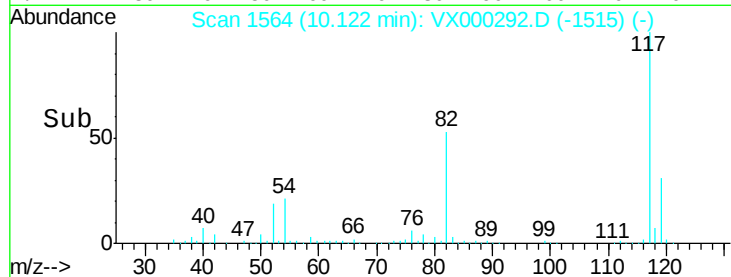
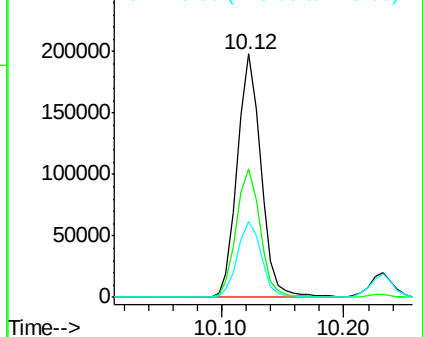
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

Tot Ion:117 Resp: 265917
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.2 25.3 37.9



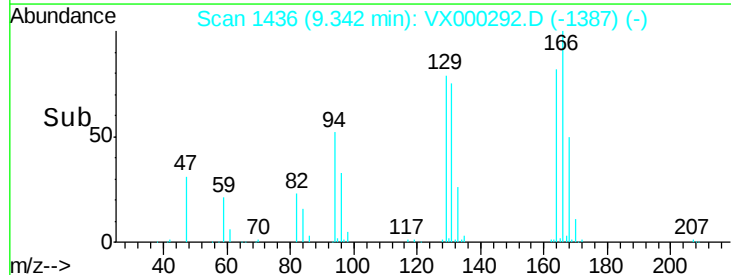
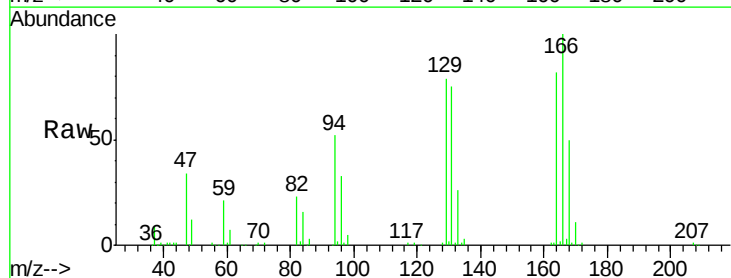
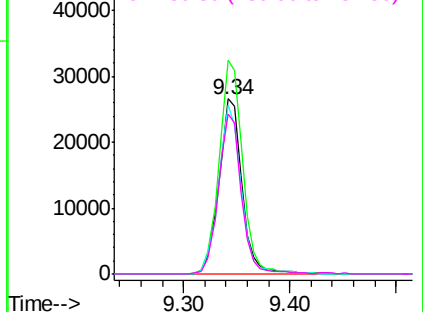
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

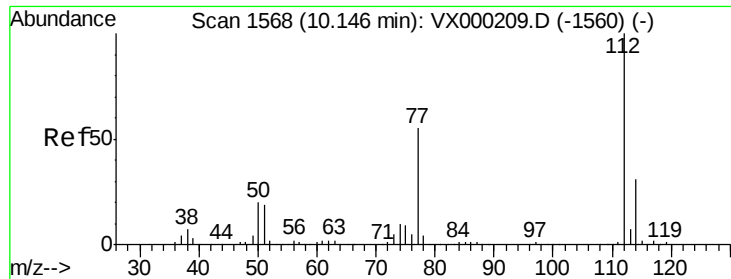


#64
Tetrachloroethene
Concen: 21.64 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion:164 Resp: 40270
Ion Ratio Lower Upper
164 100
166 122.1 103.0 154.6
129 96.4 80.2 120.4
131 91.7 74.2 111.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

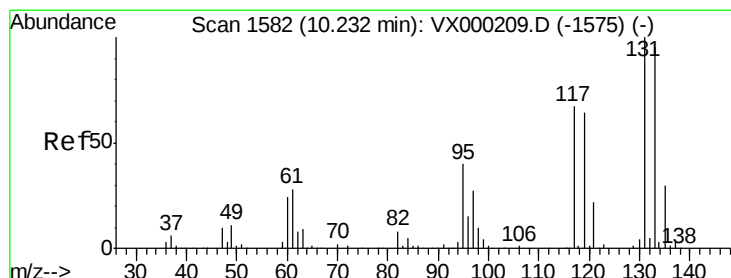
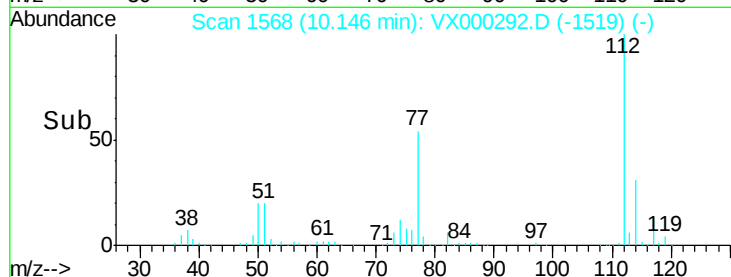
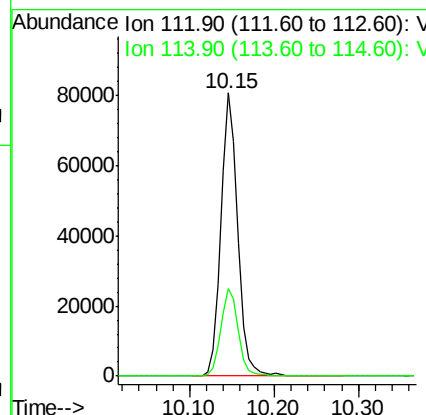
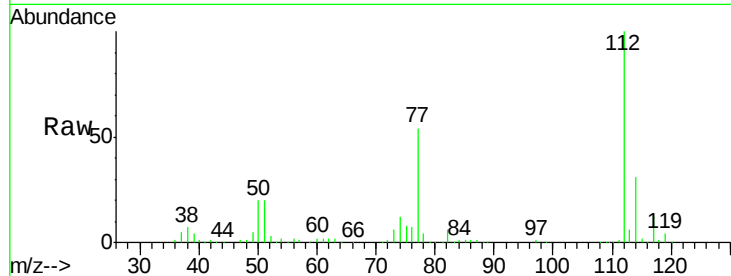




#65
Chlorobenzene
Concen: 20.87 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

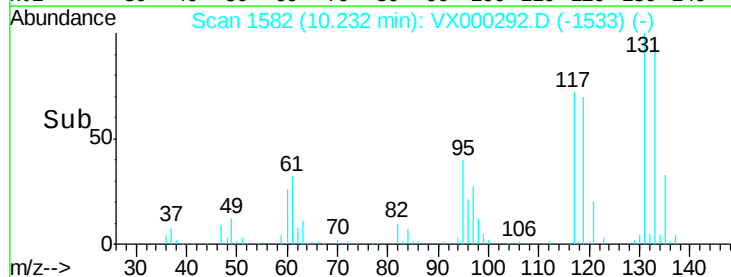
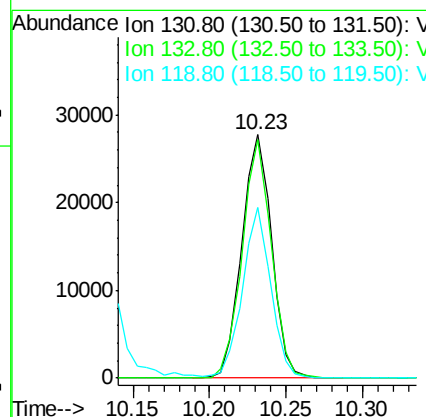
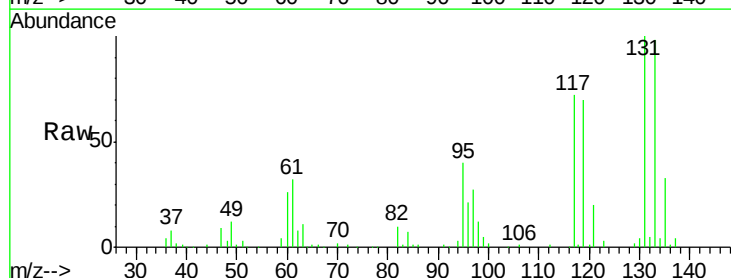
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

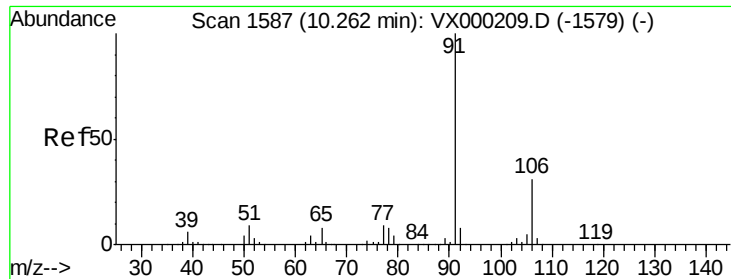
Tot Ion:112 Resp: 112065
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.45 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion:131 Resp: 37537
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 66.8 32.3 96.8

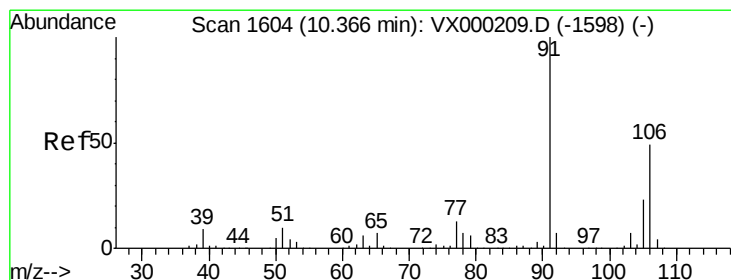
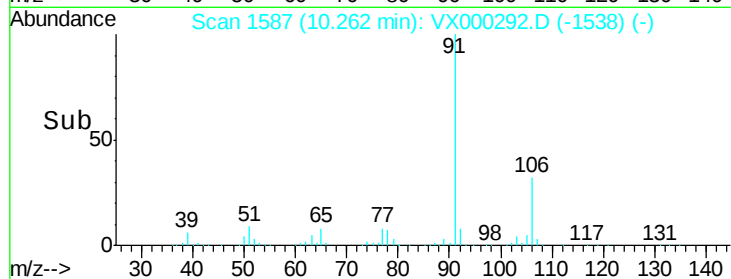
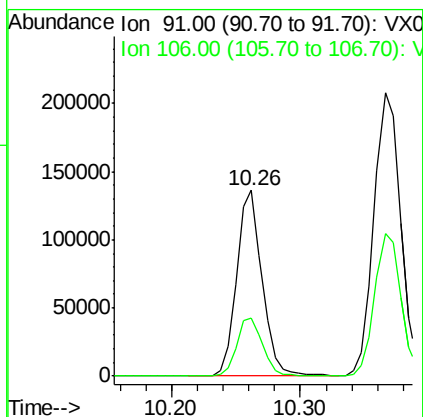
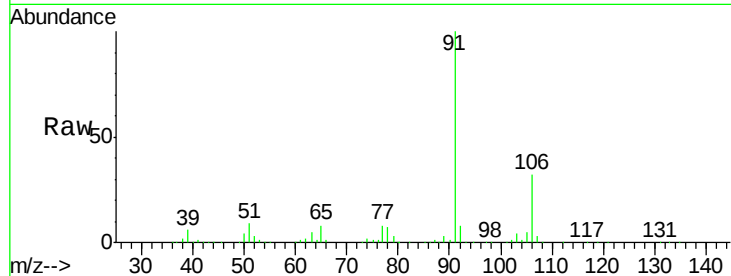




#67
Ethyl Benzene
Concen: 20.02 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

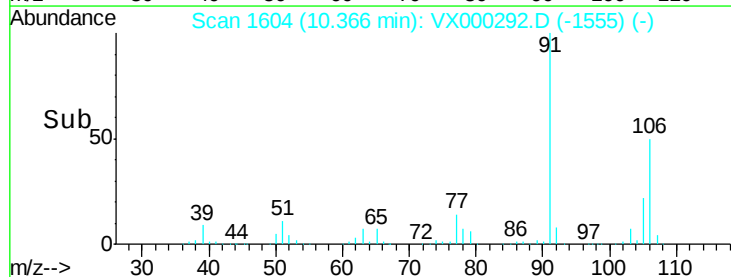
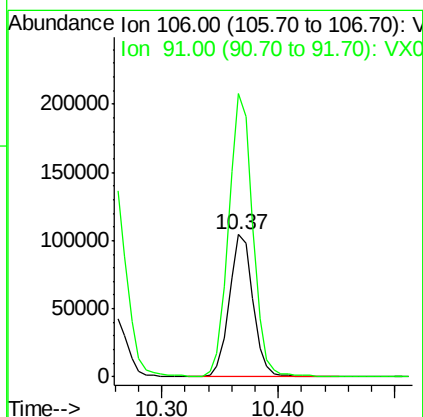
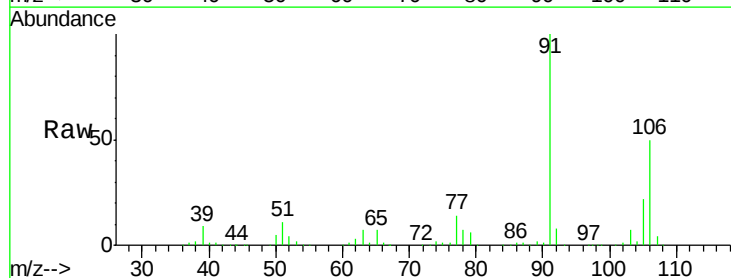
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 91 Resp: 187632
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 41.06 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion: 106 Resp: 148118
Ion Ratio Lower Upper
106 100
91 201.7 160.9 241.3

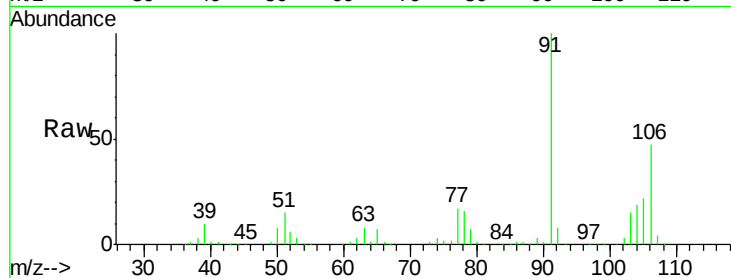




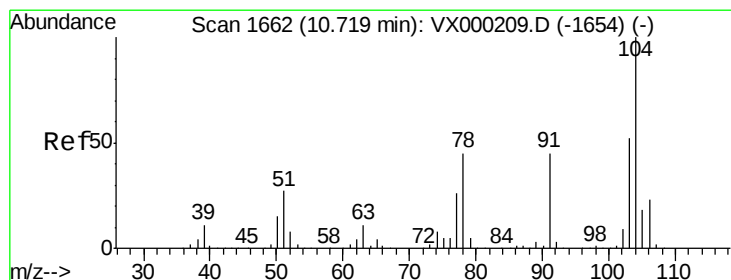
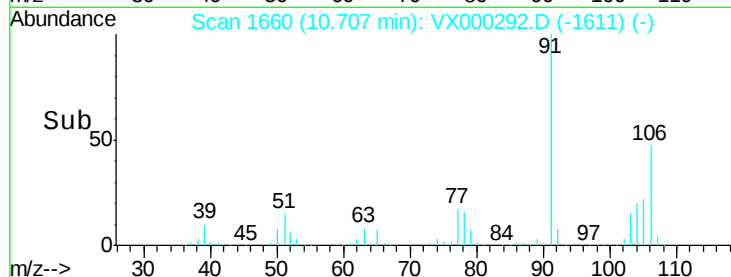
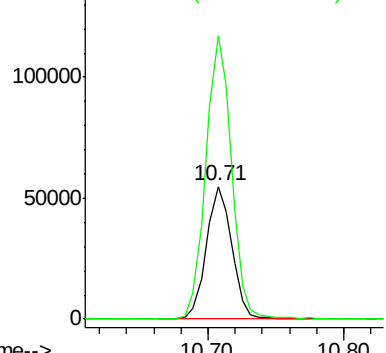
#69
o-Xylene
Concen: 20.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

Tot Ion:106 Resp: 71811
Ion Ratio Lower Upper
106 100
91 214.9 105.9 317.7

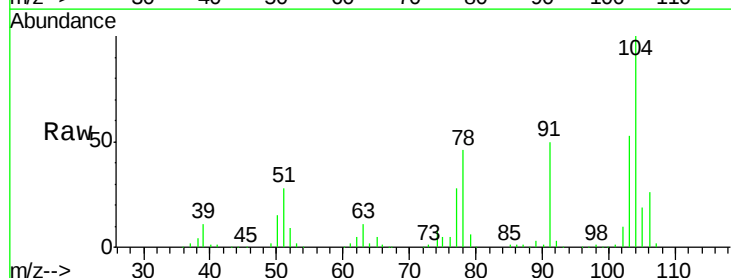


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

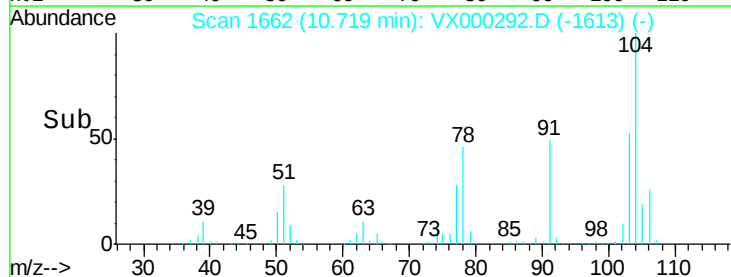
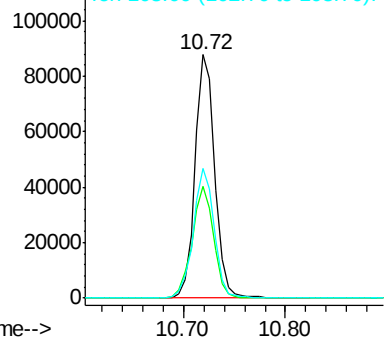


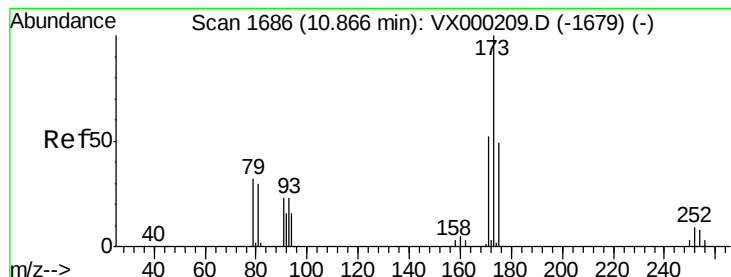
#70
Styrene
Concen: 20.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion:104 Resp: 117319
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 57.1 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.28 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

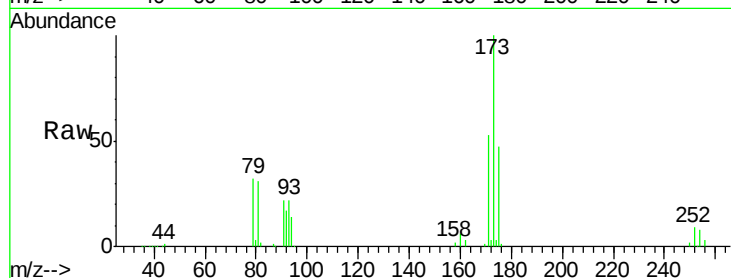
Tot Ion:173 Resp: 30299

Ion Ratio Lower Upper

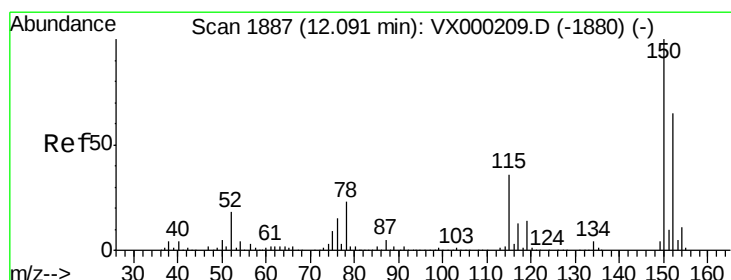
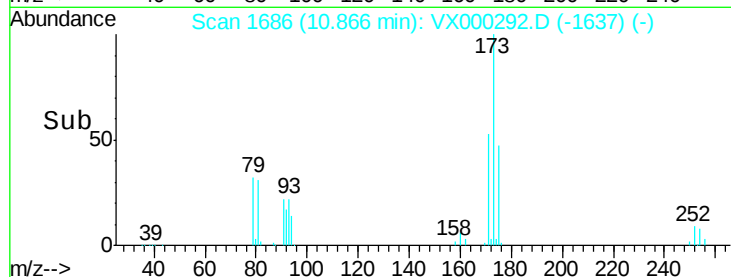
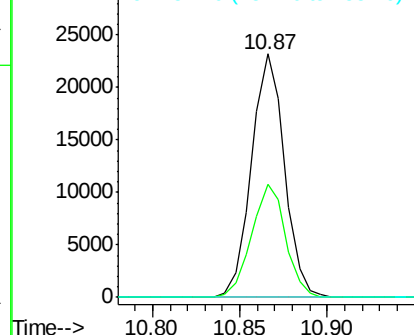
173 100

175 47.9 24.4 73.2

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

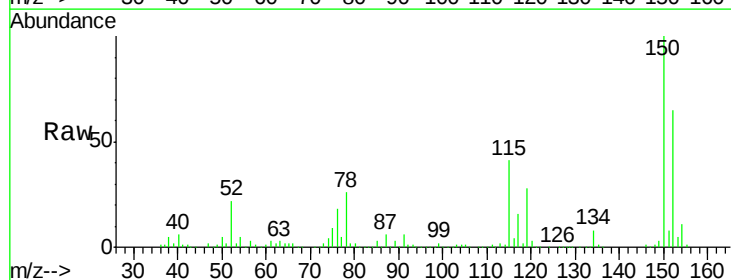
Tgt Ion:152 Resp: 151965

Ion Ratio Lower Upper

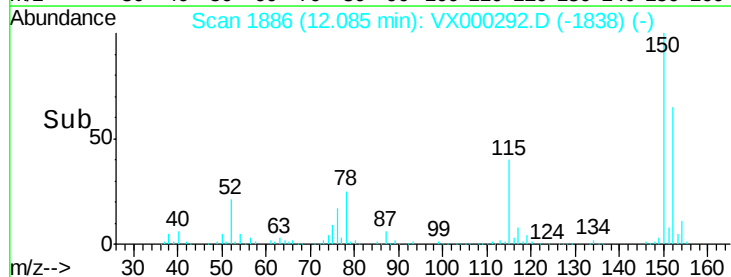
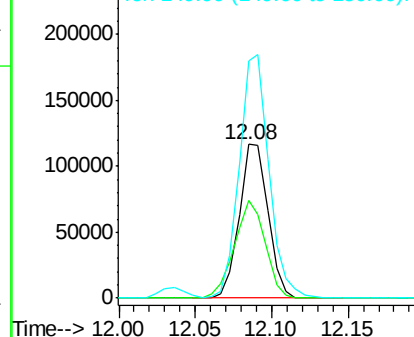
152 100

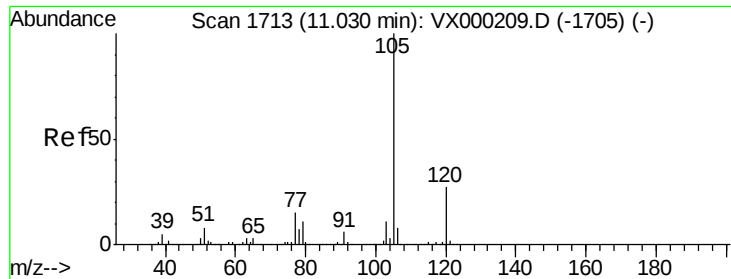
115 67.7 39.8 119.3

150 163.3 0.0 345.0



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





#73

Isopropylbenzene

Concen: 20.84 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

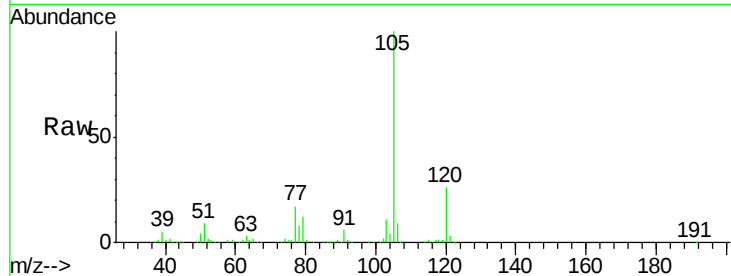
VX0313WBS01

Tot Ion:105 Resp: 198310

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

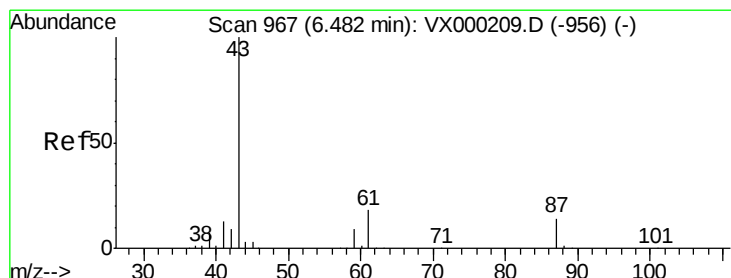
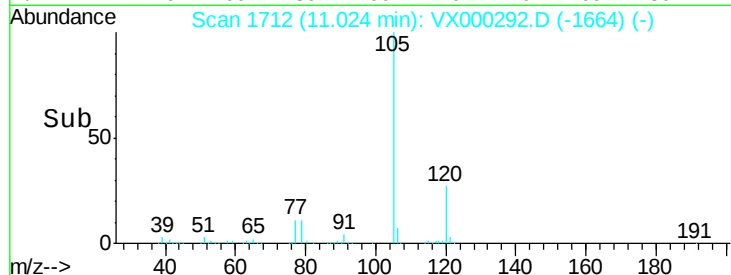
1102

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.27 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Tgt Ion: 43 Resp: 93804

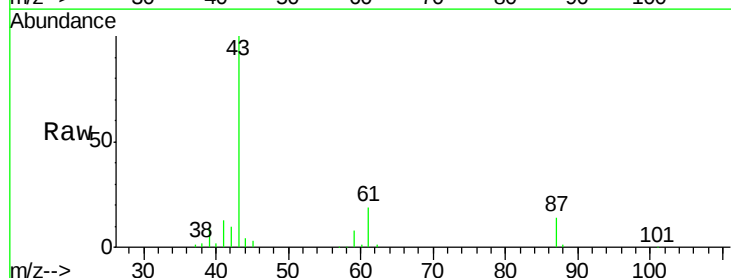
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.9 14.8 22.2



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

50000

40000

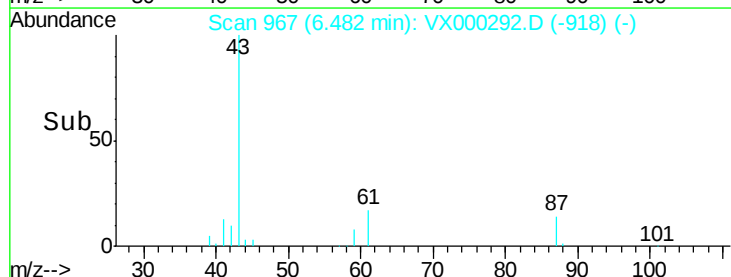
30000

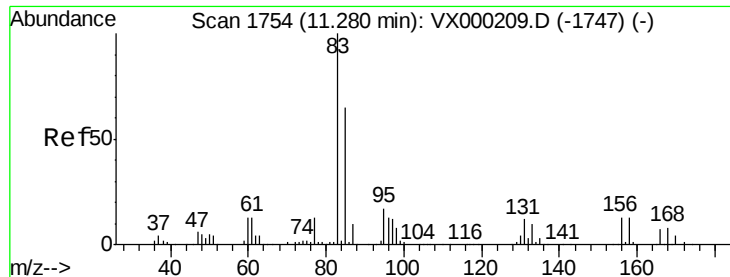
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.98 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

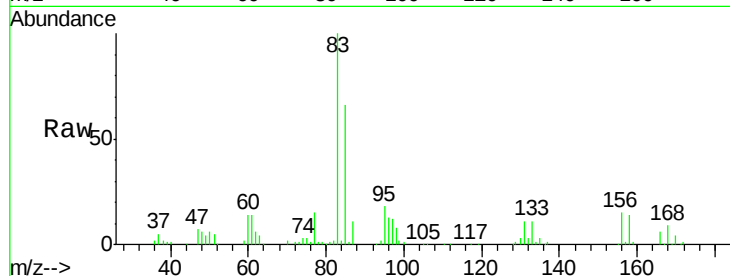
Tot Ion: 83 Resp: 66656

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

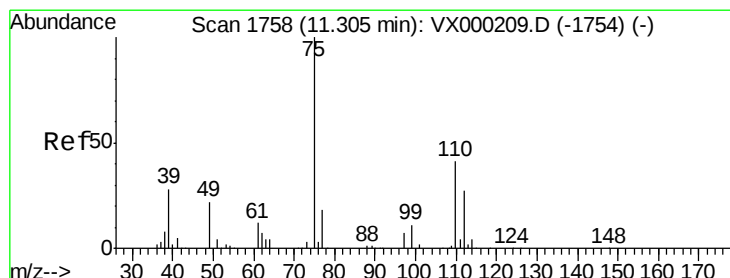
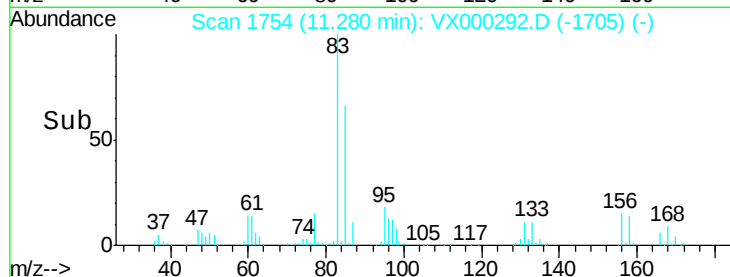
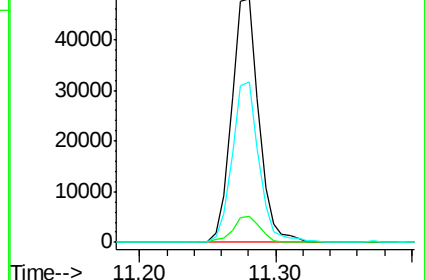
85 65.1 32.5 97.4



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: 25.74 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000292.D

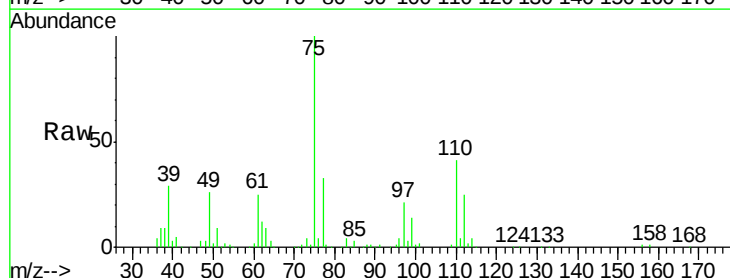
Acq: 13 Mar 2018 11:33

Tgt Ion: 75 Resp: 78407

Ion Ratio Lower Upper

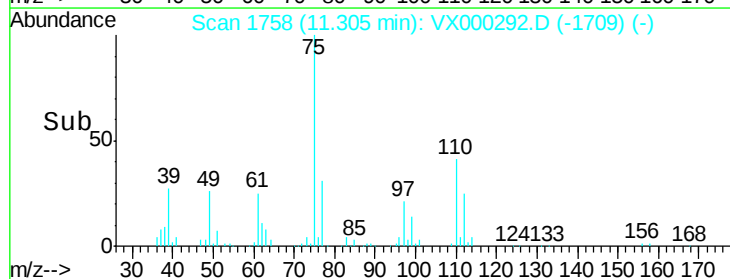
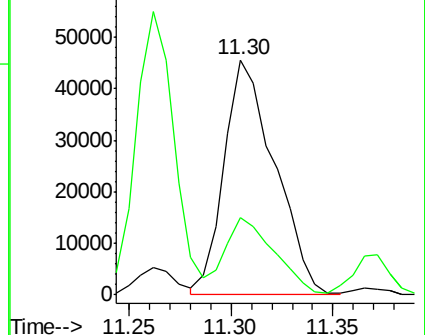
75 100

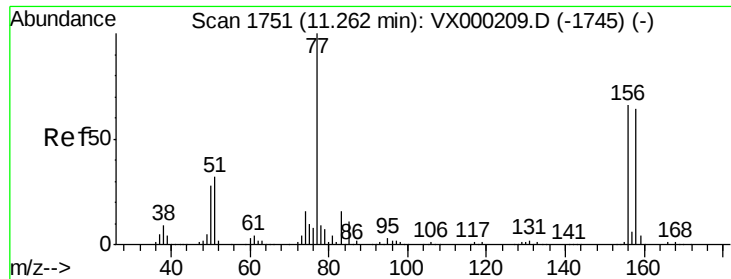
77 32.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

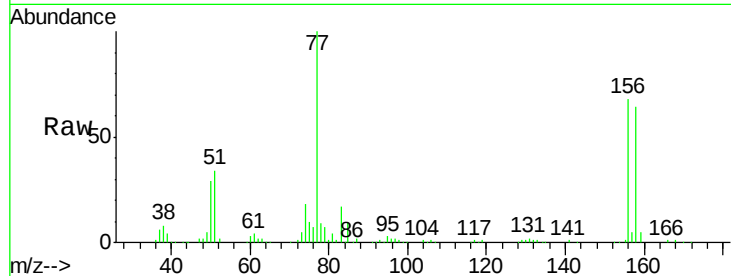
Tot Ion:156 Resp: 50319

Ion Ratio Lower Upper

156 100

77 142.6 71.9 215.7

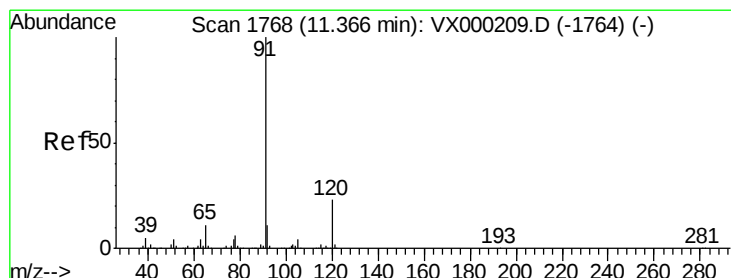
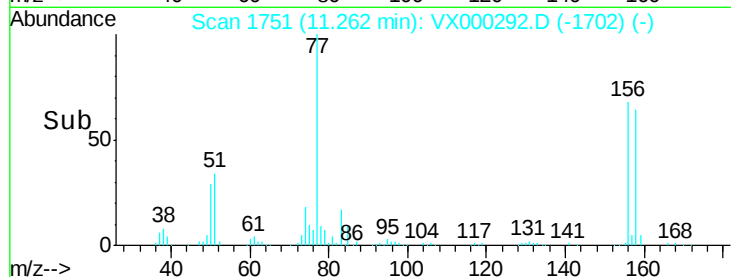
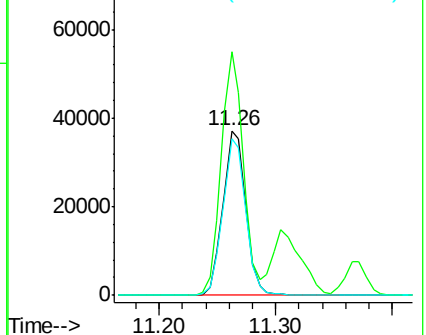
158 95.3 48.0 144.2



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: 20.35 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000292.D

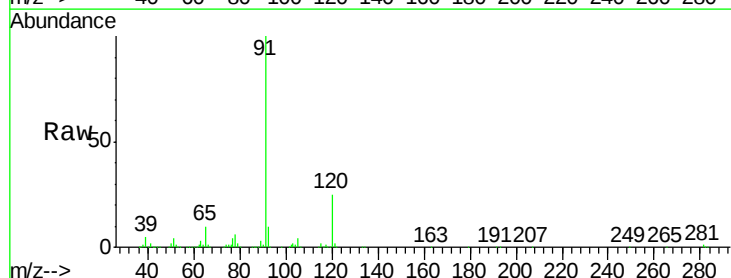
Acq: 13 Mar 2018 11:33

Tgt Ion: 91 Resp: 227836

Ion Ratio Lower Upper

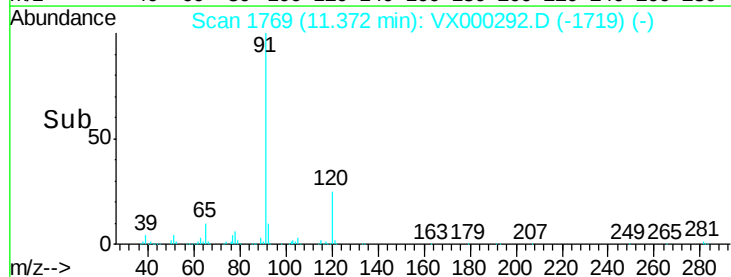
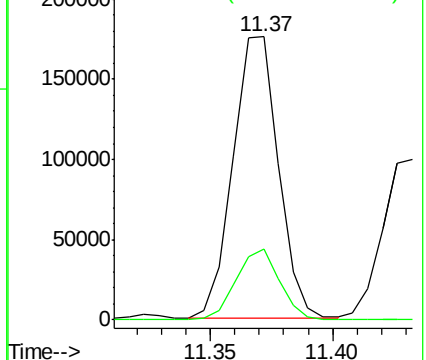
91 100

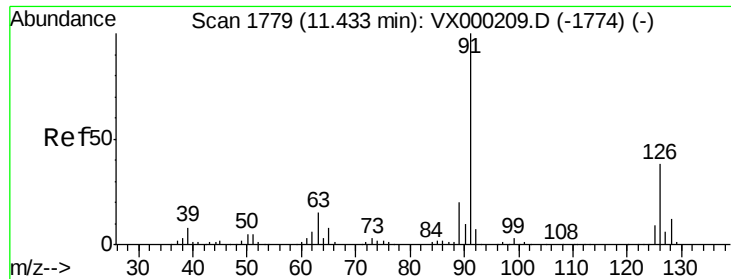
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

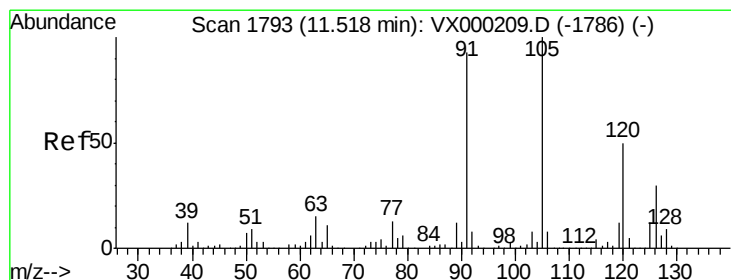
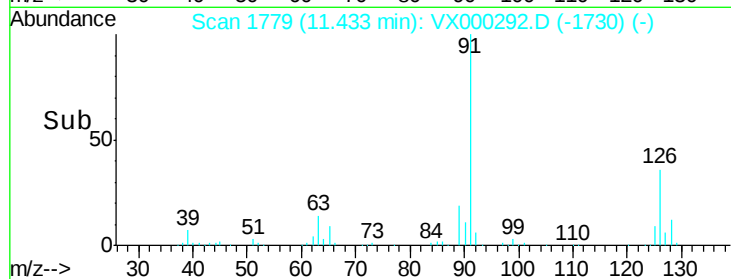
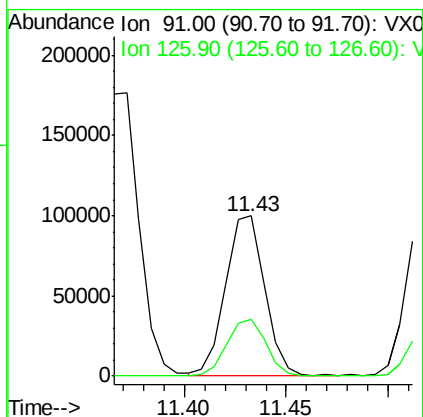
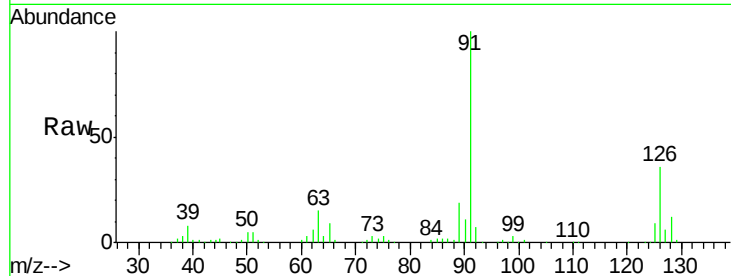




#79
 2-Chlorotoluene
 Concen: 20.78 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

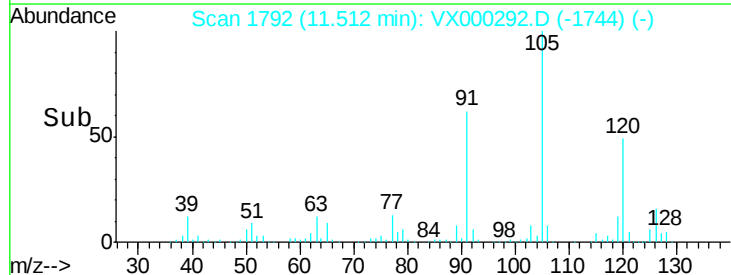
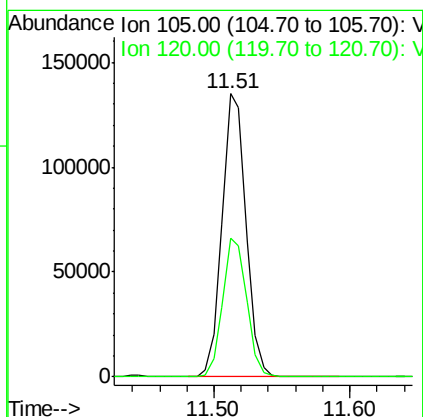
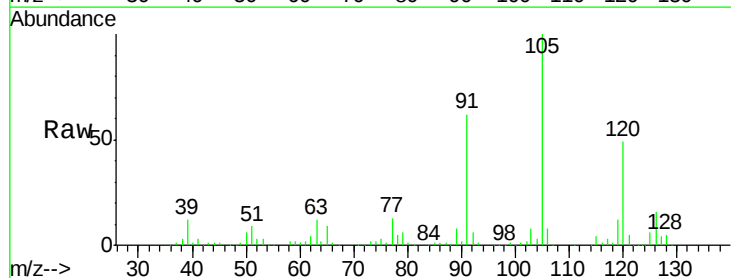
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

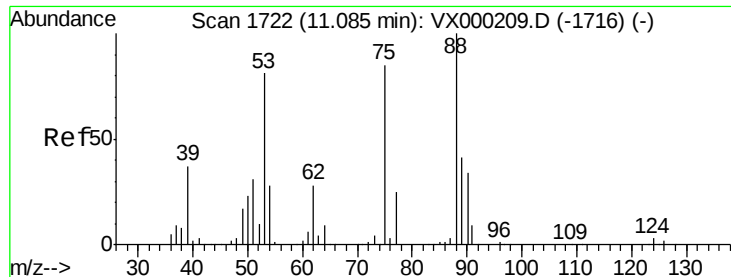
Tot Ion: 91 Resp: 131255
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion: 105 Resp: 165146
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.64 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

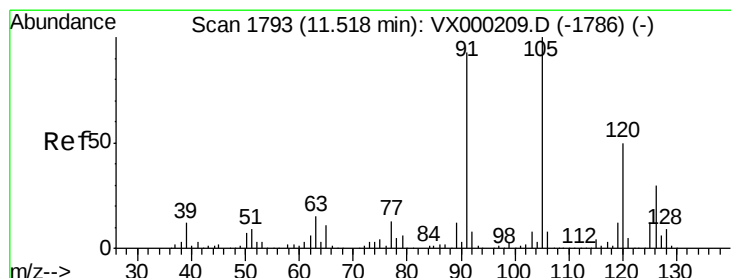
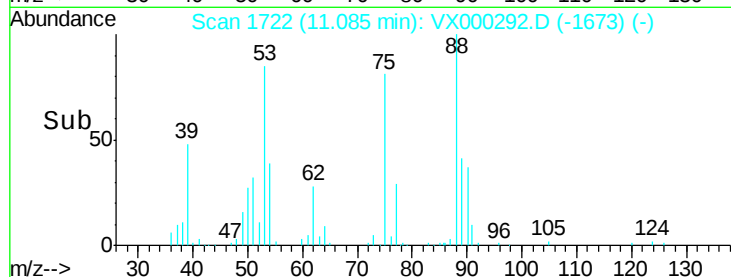
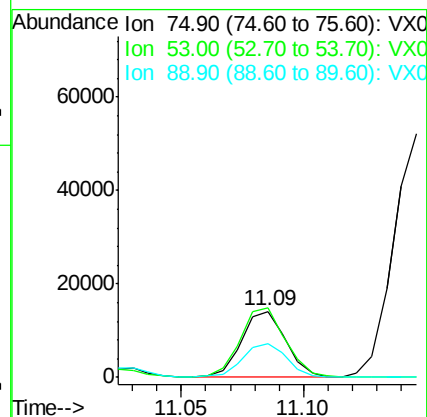
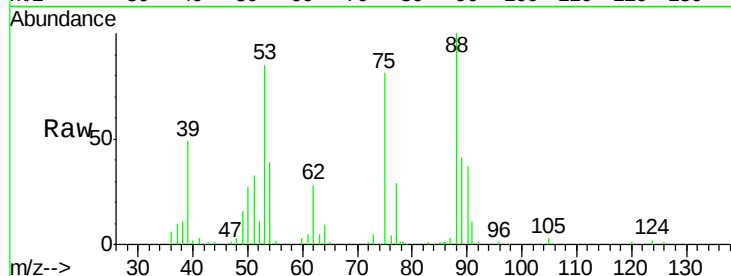
Tot Ion: 75 Resp: 17546

Ion Ratio Lower Upper

75 100

53 109.2 78.6 118.0

89 51.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.70 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000292.D

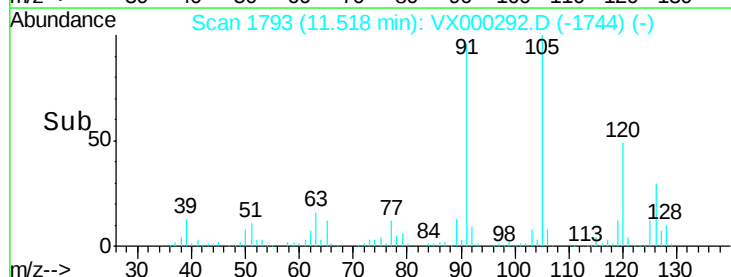
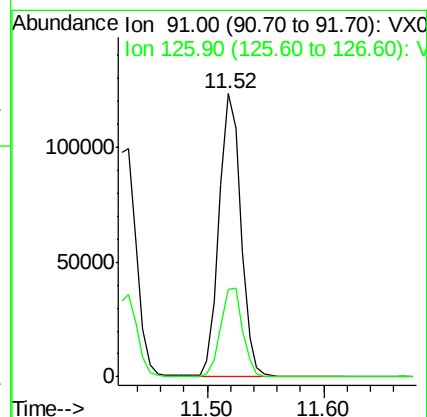
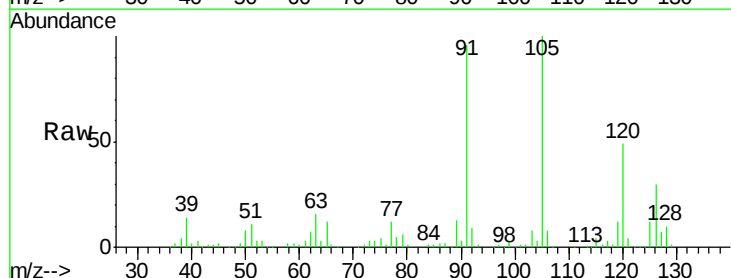
Acq: 13 Mar 2018 11:33

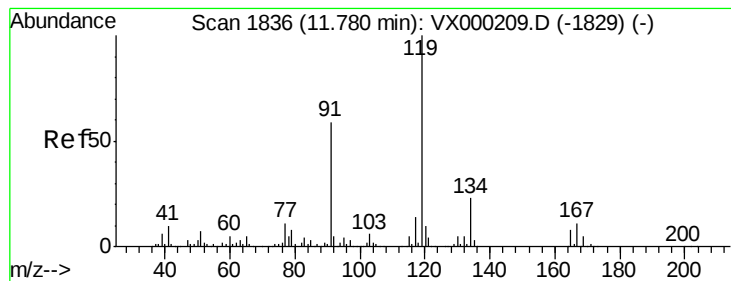
Tgt Ion: 91 Resp: 158995

Ion Ratio Lower Upper

91 100

126 31.8 16.0 48.0





#83

tert-Butylbenzene

Concen: 21.20 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS01

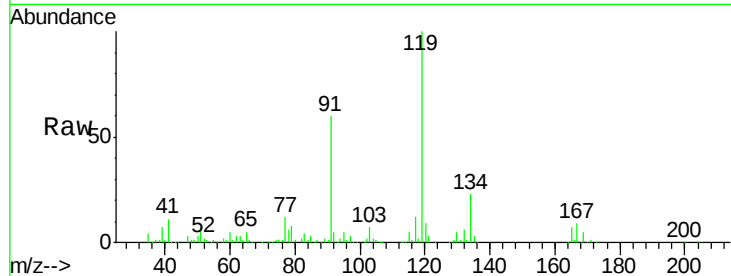
Tot Ion:119 Resp: 163854

Ion Ratio Lower Upper

119 100

91 57.4 28.9 86.7

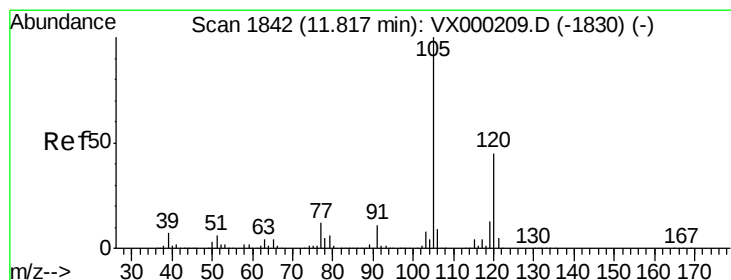
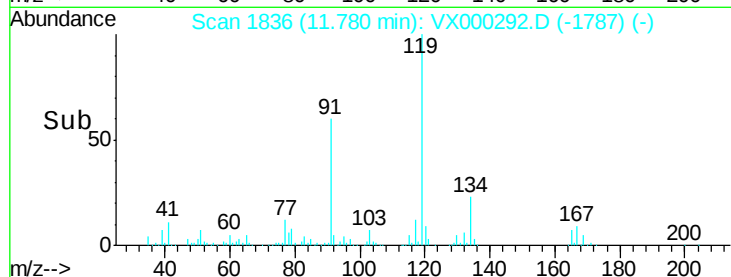
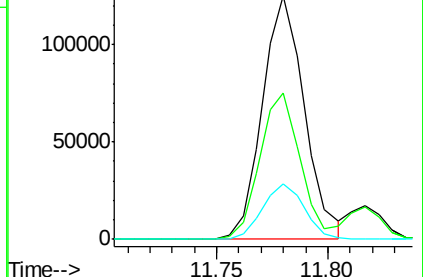
134 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.04 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000292.D

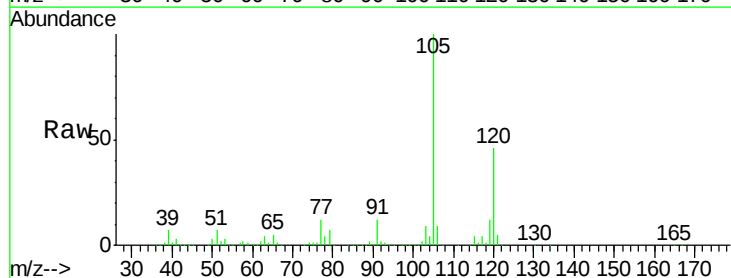
Acq: 13 Mar 2018 11:33

Tgt Ion:105 Resp: 171888

Ion Ratio Lower Upper

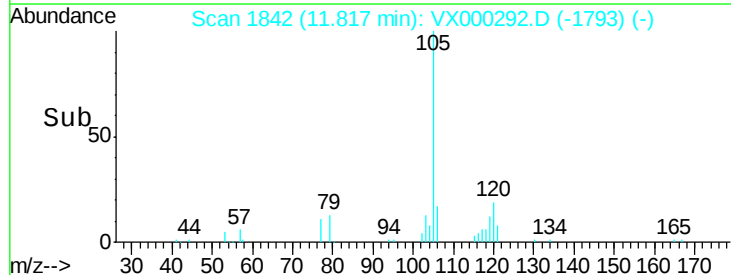
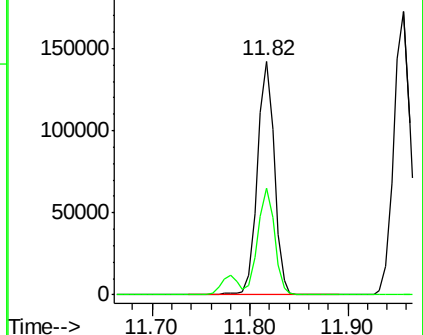
105 100

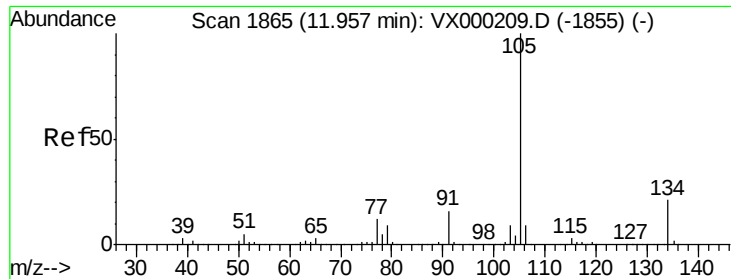
120 45.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.90 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

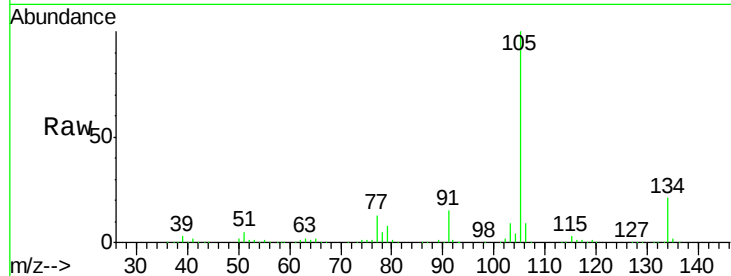
VX0313WBS01

Tot Ion:105 Resp: 204317

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

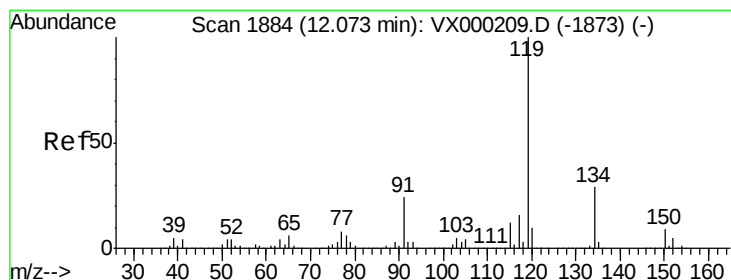
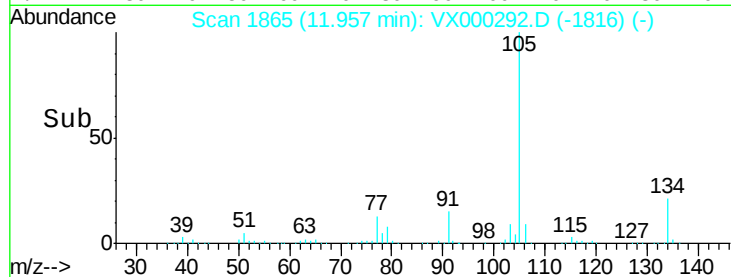
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.40 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

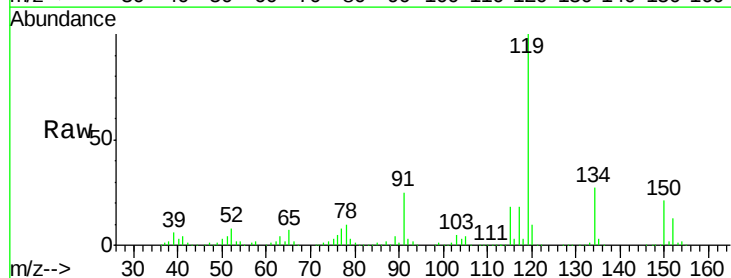
Tgt Ion:119 Resp: 184470

Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

91 24.6 12.0 36.0



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

200000

150000

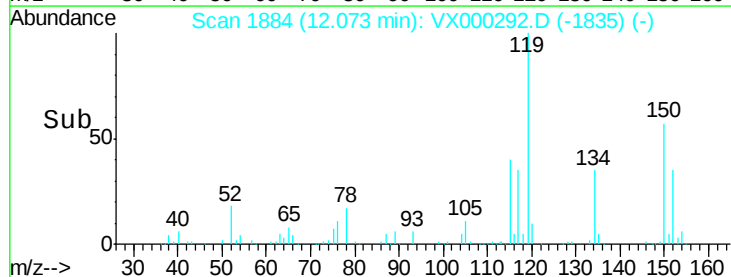
100000

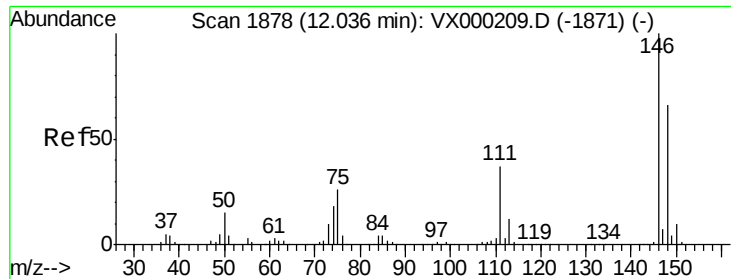
50000

0

12.00 12.10

Time-->

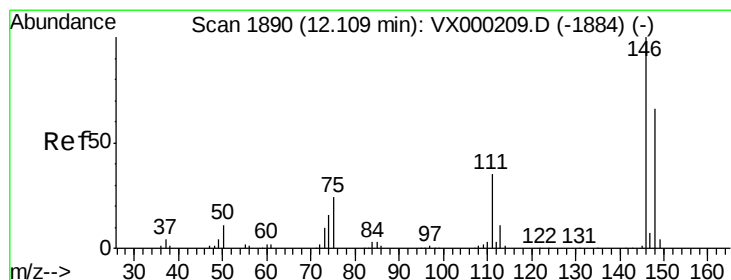
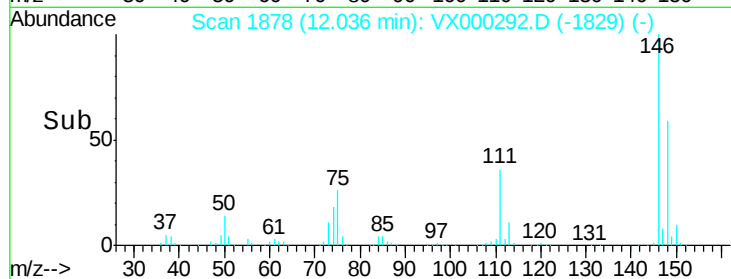
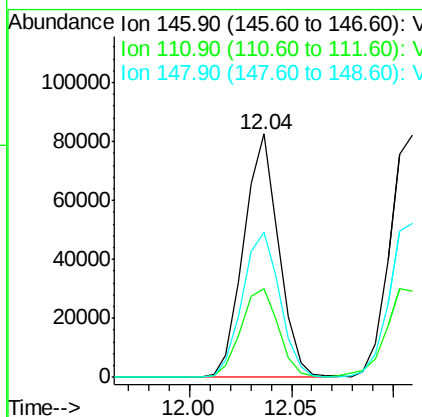
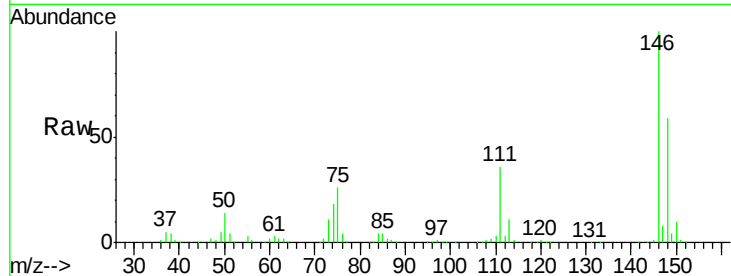




#87
 1,3-Dichlorobenzene
 Concen: 21.07 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

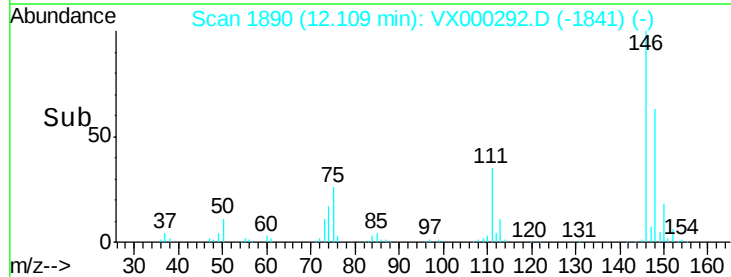
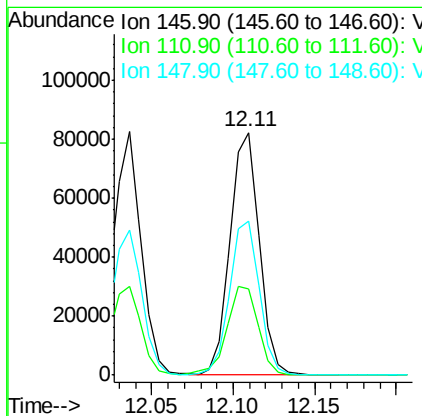
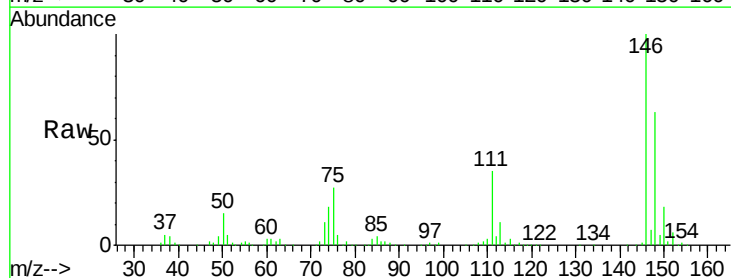
Instrument :
 MSVOA_X
 ClientSampled :
 VX0313WBS01

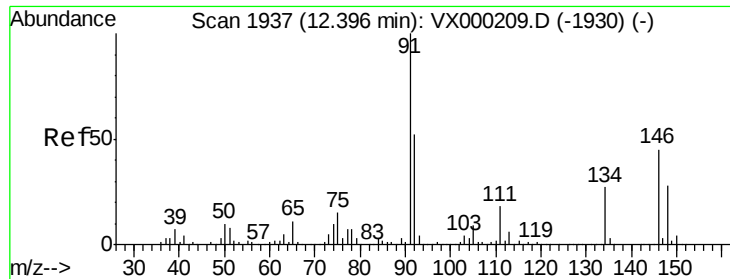
Tot Ion:146 Resp: 98538
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.0 57.0
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.88 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion:146 Resp: 102361
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 64.7 32.6 97.8





#89

n-Butylbenzene

Concen: 20.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000292.D

Acq: 13 Mar 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

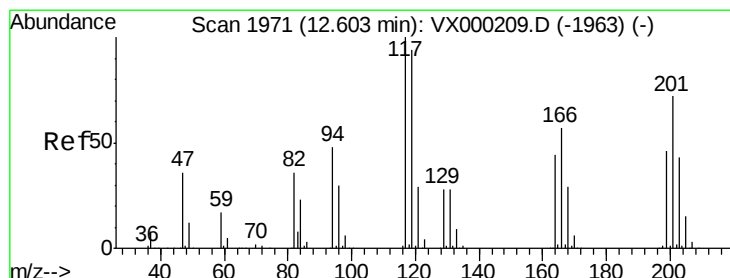
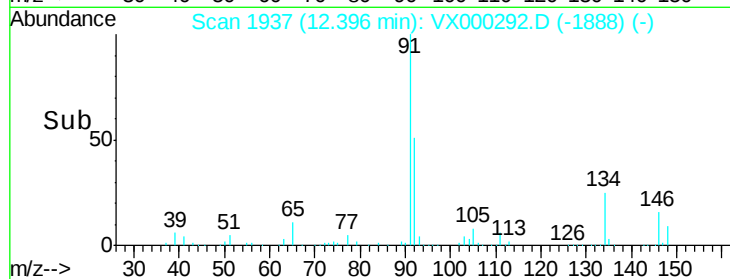
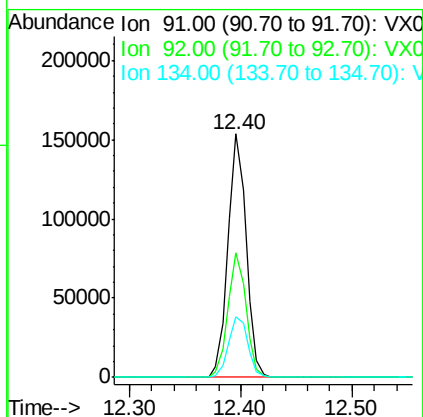
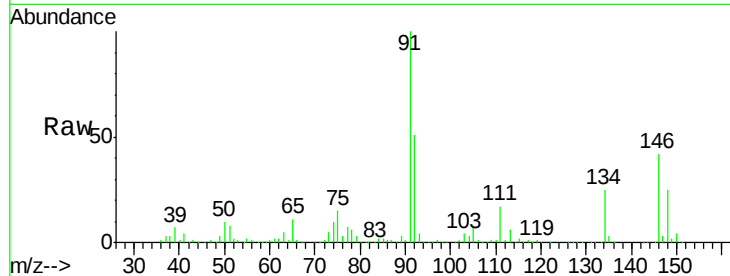
Tot Ion: 91 Resp: 173884

Ion Ratio Lower Upper

91 100

92 50.8 25.8 77.4

134 26.4 13.5 40.5



#90

Hexachloroethane

Concen: 18.87 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000292.D

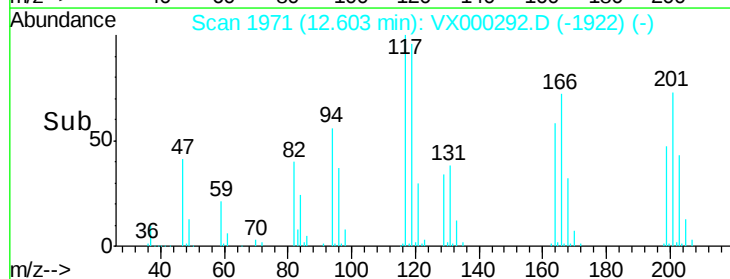
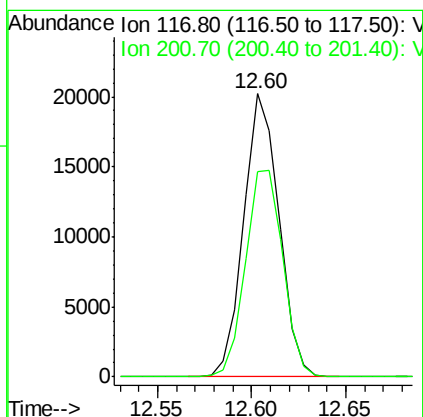
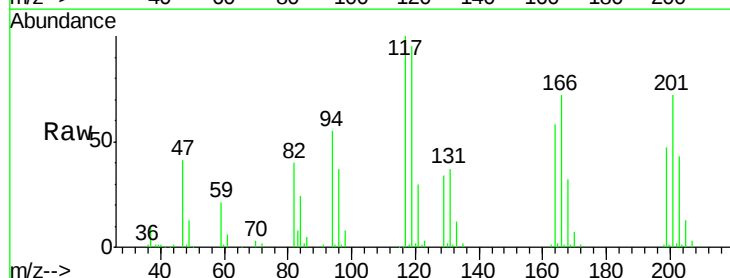
Acq: 13 Mar 2018 11:33

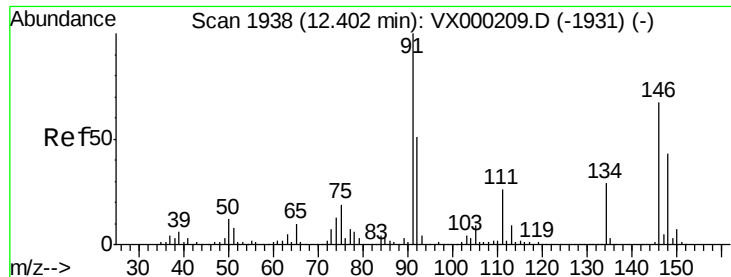
Tgt Ion: 117 Resp: 26207

Ion Ratio Lower Upper

117 100

201 77.4 38.2 114.6

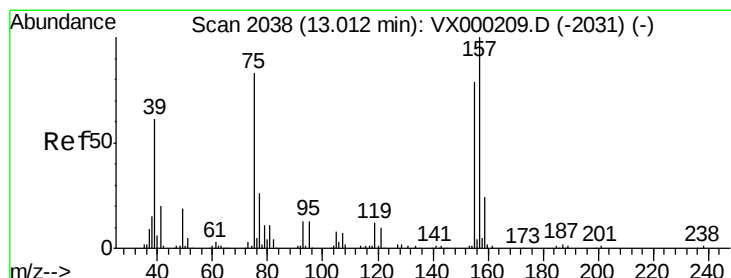
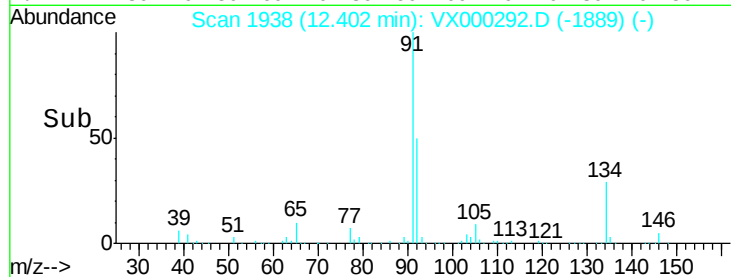
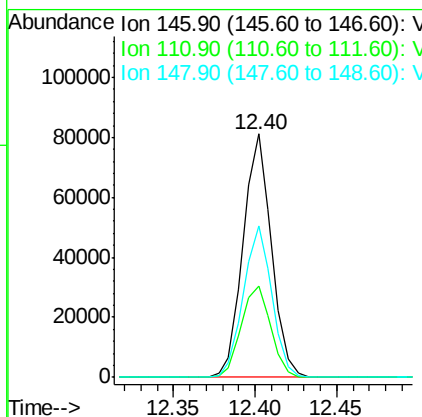
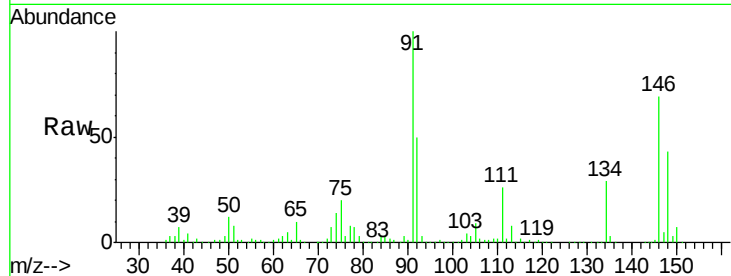




#91
 1,2-Dichlorobenzene
 Concen: 21.19 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

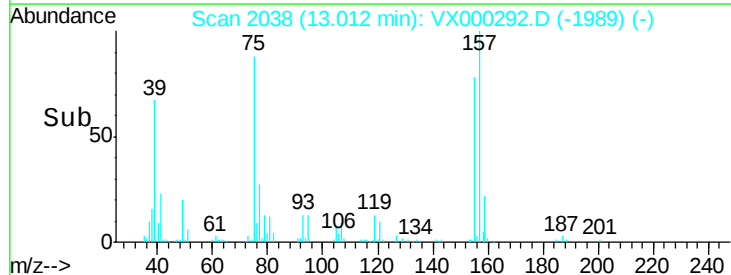
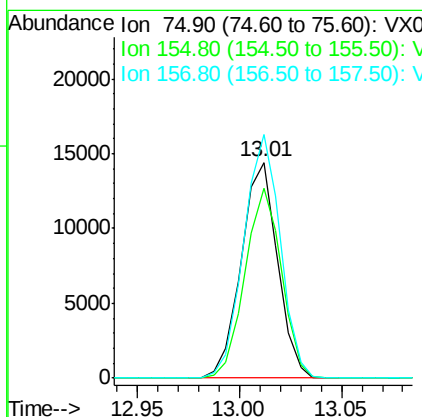
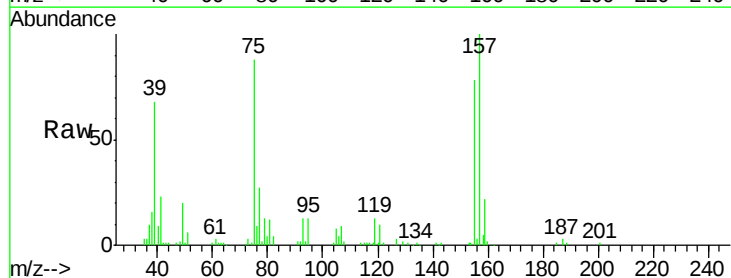
Instrument :
 MSVOA_X
 ClientSampled :
 VX0313WBS01

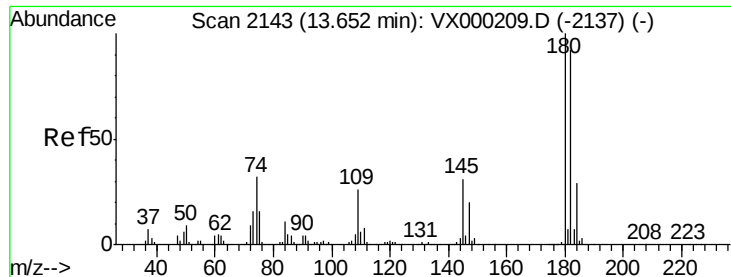
Tot Ion:146 Resp: 98094
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 62.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.07 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion: 75 Resp: 17860
 Ion Ratio Lower Upper
 75 100
 155 88.0 45.5 136.5
 157 113.7 58.6 175.8

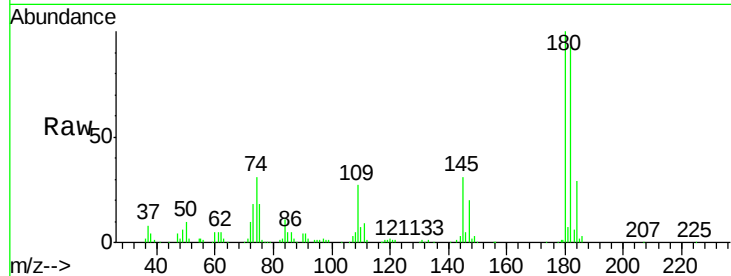




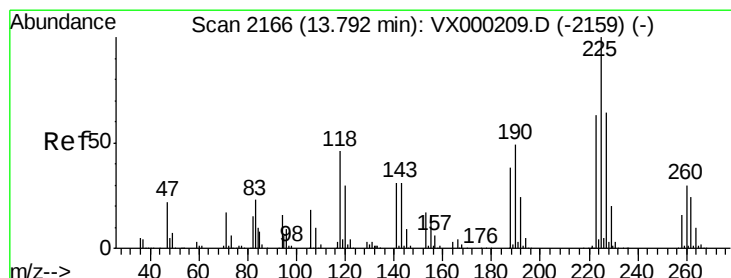
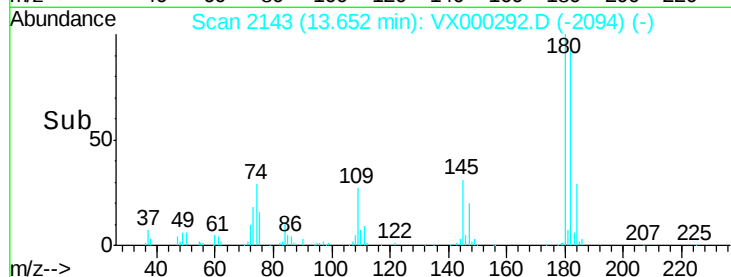
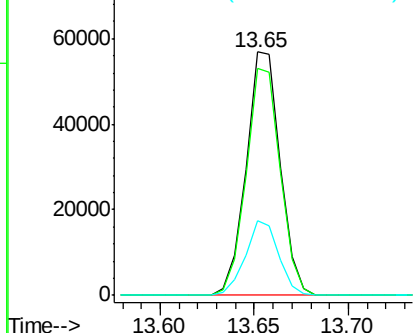
#93
 1,2,4-Trichlorobenzene
 Concen: 21.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion:180 Resp: 71112
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.0
 145 29.9 15.3 45.9

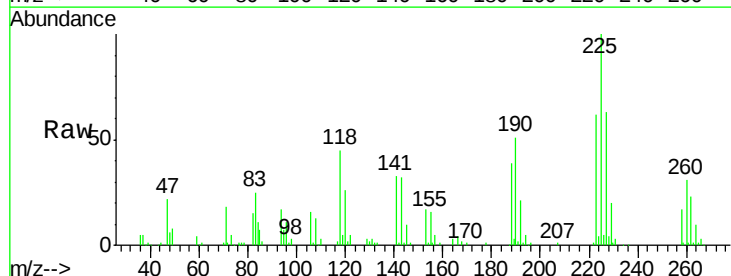


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

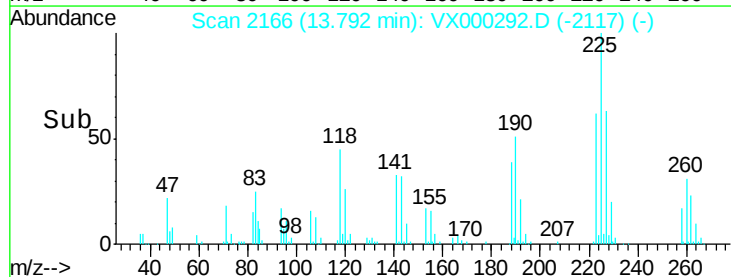
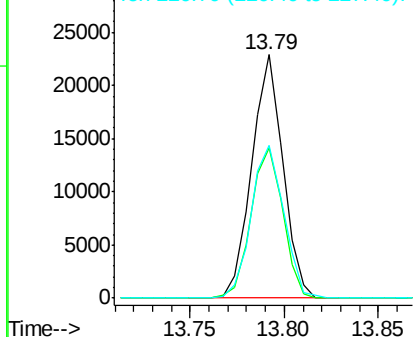


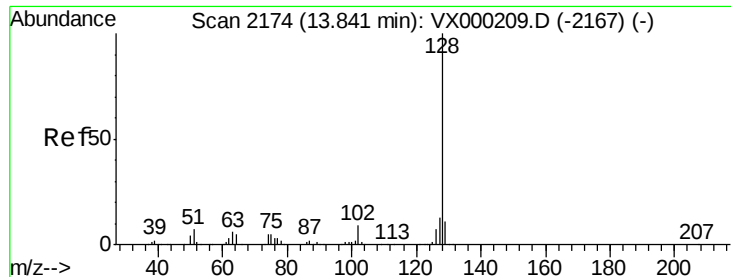
#94
 Hexachlorobutadiene
 Concen: 18.81 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000292.D
 Acq: 13 Mar 2018 11:33

Tgt Ion:225 Resp: 26367
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.8 95.3
 227 65.6 31.9 95.5



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

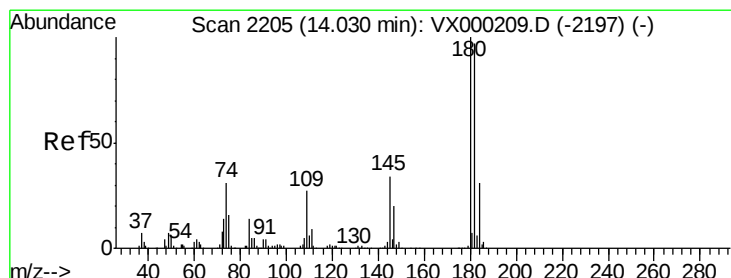
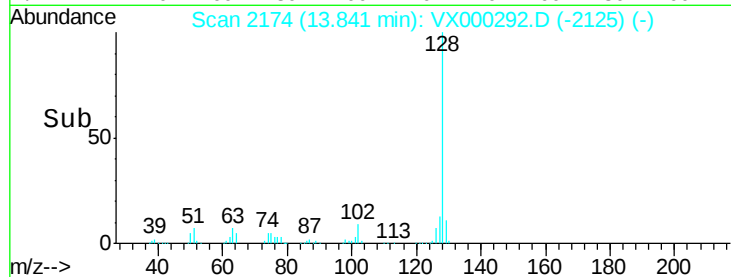
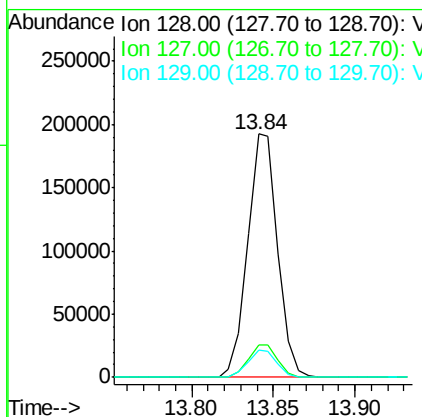
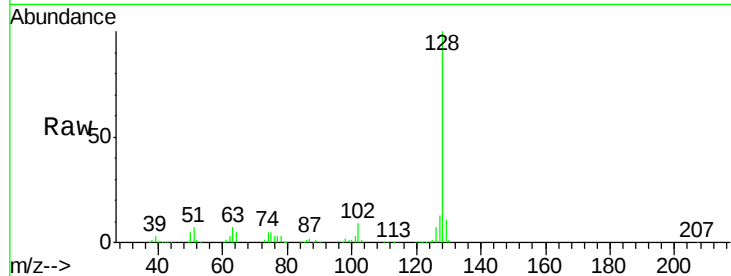




#95
Naphthalene
Concen: 20.95 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS01

Tot Ion:128 Resp: 246300
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.63 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000292.D
Acq: 13 Mar 2018 11:33

Tgt Ion:180 Resp: 68758
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 32.7 16.3 48.8

