

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002324.D
 Acq On : 06 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 04:37:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157921	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	115990	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
50) Toluene-d8	8.72	98	430520	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.14	95	161726	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30709	14.40	ug/l	100
3) Chloromethane	1.32	50	55377	20.99	ug/l	100
4) Vinyl Chloride	1.41	62	51493	19.16	ug/l	98
5) Bromomethane	1.64	94	38537	23.57	ug/l	98
6) Chloroethane	1.72	64	37298	21.45	ug/l	99
7) Trichlorofluoromethane	1.93	101	72252	17.64	ug/l	98
8) Diethyl Ether	2.19	74	38601	25.34	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35297	15.97	ug/l	99
10) Methyl Iodide	2.51	142	66573	21.41	ug/l	100
11) Tert butyl alcohol	3.07	59	83144	128.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42371	19.40	ug/l	99
13) Acrolein	2.30	56	35063	115.09	ug/l	99
14) Allyl chloride	2.73	41	94553	19.95	ug/l	100
15) Acrylonitrile	3.15	53	164112	126.64	ug/l	99
16) Acetone	2.45	43	155497	112.70	ug/l	100
17) Carbon Disulfide	2.57	76	93518	16.24	ug/l	97
18) Methyl Acetate	2.78	43	79284	25.66	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	197366	24.74	ug/l	99
20) Methylene Chloride	2.86	84	59212	24.09	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49594	20.59	ug/l	99
22) Diisopropyl ether	3.87	45	177372	21.55	ug/l	92
23) Vinyl Acetate	3.83	43	765320	99.59	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101753	21.72	ug/l	98
25) 2-Butanone	4.71	43	209352	104.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49668	13.56	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	53169	20.30	ug/l	97
28) Bromochloromethane	5.03	49	48376	22.31	ug/l	99
29) Tetrahydrofuran	5.17	42	137215	105.79	ug/l	99
30) Chloroform	5.22	83	94902	20.99	ug/l	96
31) Cyclohexane	5.58	56	54798	14.79	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	70824	18.47	ug/l	99
36) 1,1-Dichloropropene	5.81	75	57071	16.15	ug/l	98
37) Ethyl Acetate	4.87	43	84133	19.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	56220	15.21	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50485	11.77	ug/l	96
40) Benzene	6.15	78	202877	18.73	ug/l	98
41) Methacrylonitrile	5.07	41	46736	19.22	ug/l	98
42) 1,2-Dichloroethane	6.20	62	86242	20.04	ug/l	100
43) Isopropyl Acetate	6.47	43	134841	18.68	ug/l	99
44) Trichloroethene	7.22	130	54699	18.19	ug/l	94
45) 1,2-Dichloropropane	7.52	63	53374	18.25	ug/l	99
46) Dibromomethane	7.66	93	38384	19.36	ug/l	98
47) Bromodichloromethane	7.90	83	62967	17.56	ug/l	96
48) Methyl methacrylate	7.78	41	67724	18.68	ug/l	98
49) 1,4-Dioxane	7.76	88	28393	418.91	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	444151	98.83	ug/l	99
52) Toluene	8.79	92	129530	18.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	73862	17.18	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66049	16.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56460	19.92	ug/l	99
56) Ethyl methacrylate	9.18	69	83879	18.54	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93938	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196983	94.07	ug/l	100
59) 2-Hexanone	9.50	43	336307	96.88	ug/l	99
60) Dibromochloromethane	9.59	129	49685	17.43	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57399	19.43	ug/l	100
64) Tetrachloroethene	9.34	164	58034	16.79	ug/l	98
65) Chlorobenzene	10.14	112	150558	18.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52107	17.26	ug/l	99
67) Ethyl Benzene	10.26	91	244855	17.55	ug/l	99
68) m/p-Xylenes	10.37	106	189771	34.99	ug/l	100
69) o-Xylene	10.70	106	95471	17.69	ug/l	100
70) Styrene	10.72	104	158386	17.95	ug/l	100
71) Bromoform	10.86	173	37020	16.20	ug/l #	96
73) Isopropylbenzene	11.02	105	244314	17.59	ug/l	100
74) N-amyl acetate	6.47	43	134841	18.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81410	18.63	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88934	20.30	ug/l	81
77) Bromobenzene	11.26	156	71896	18.44	ug/l	99
78) n-propylbenzene	11.37	91	269455	17.45	ug/l	100
79) 2-Chlorotoluene	11.43	91	172718	17.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209230	17.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	13.37	ug/l #	84
82) 4-Chlorotoluene	11.51	91	200349	17.80	ug/l	100
83) tert-Butylbenzene	11.77	119	195135	16.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220393	17.97	ug/l	99
85) sec-Butylbenzene	11.95	105	229651	16.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	208323	16.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124125	17.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125895	17.52	ug/l	99
89) n-Butylbenzene	12.39	91	166901	16.06	ug/l	99
90) Hexachloroethane	12.60	117	29003	14.67	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132052	18.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16439	17.21	ug/l	97

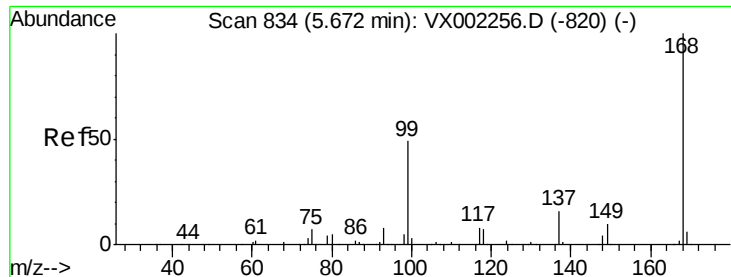
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86329	17.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	38111	15.25	ug/l	100
95) Naphthalene	13.84	128	271966	18.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94060	18.23	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

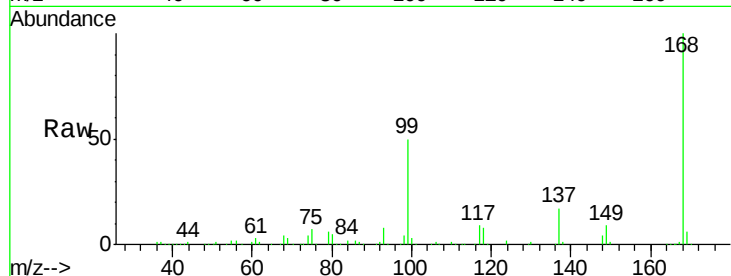
ClientSampleId :

Tot Ion:168 Resp: 205178

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

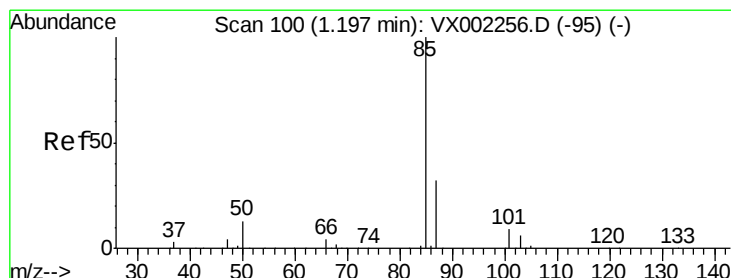
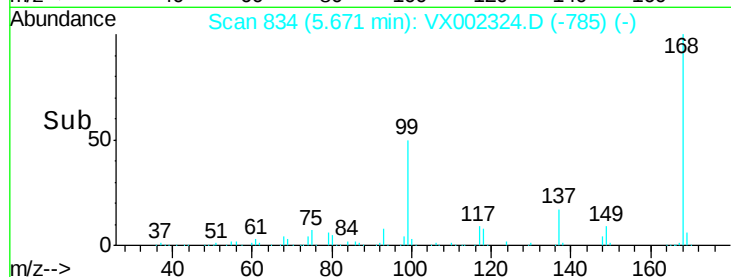
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002324.D

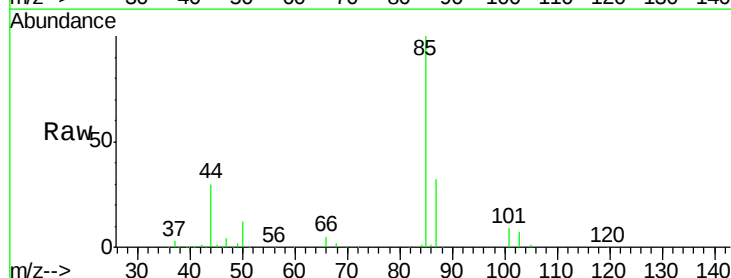
Acq: 06 Jun 2018 00:24

Tgt Ion: 85 Resp: 30709

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

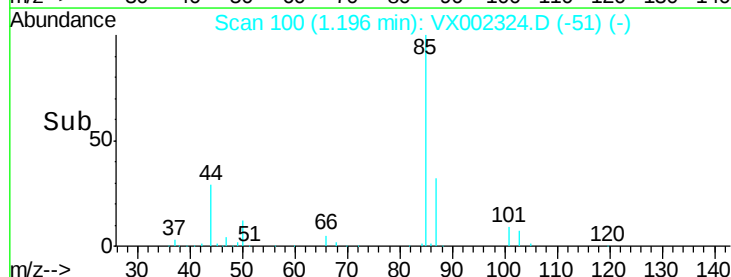
20000

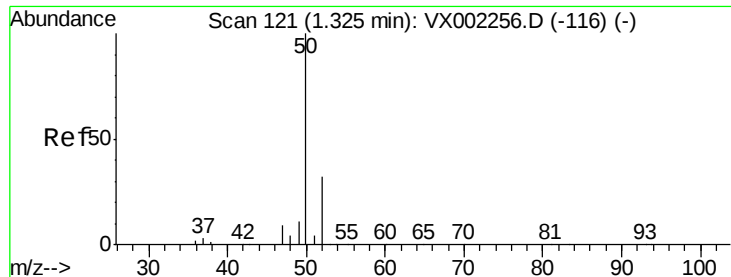
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

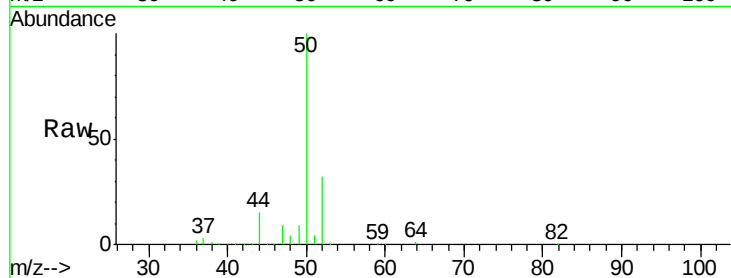
ClientSampled :

Tot Ion: 50 Resp: 55377

Ion Ratio Lower Upper

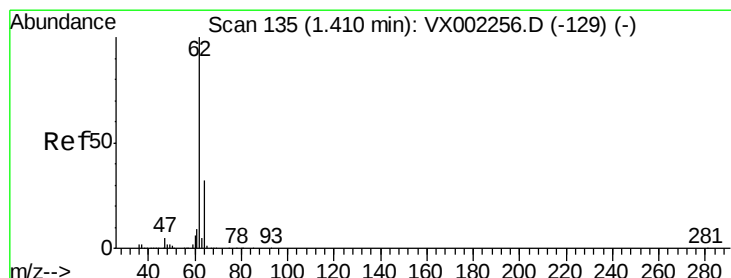
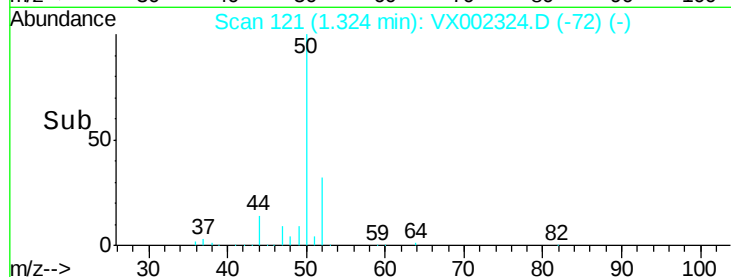
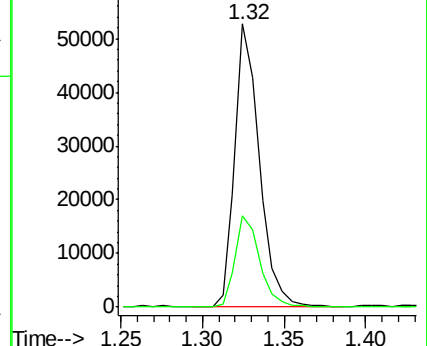
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.16 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002324.D

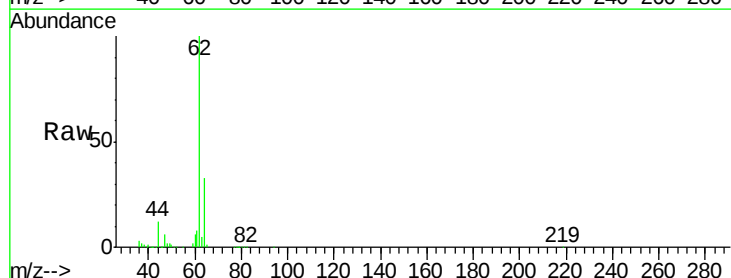
Acq: 06 Jun 2018 00:24

Tgt Ion: 62 Resp: 51493

Ion Ratio Lower Upper

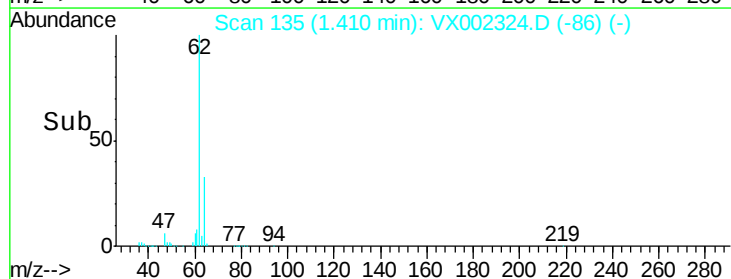
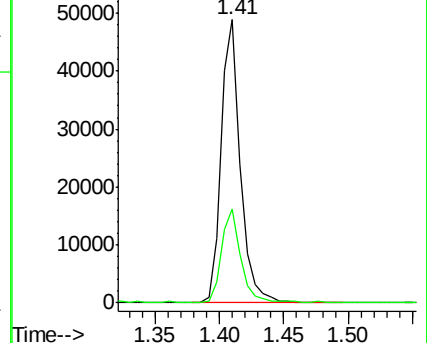
62 100

64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.57 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

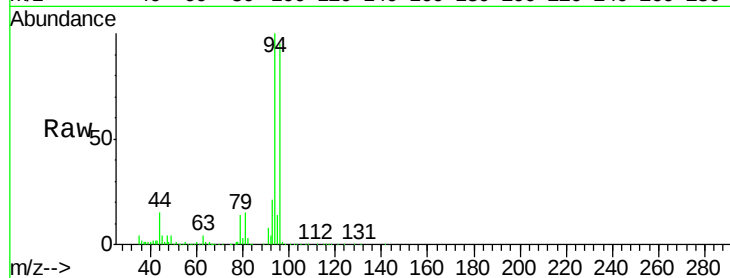
ClientSampled :

Tot Ion: 94 Resp: 38537

Ion Ratio Lower Upper

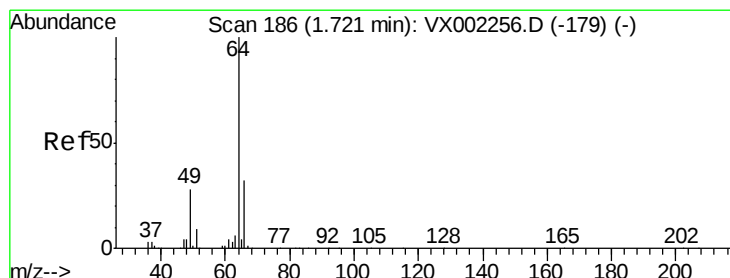
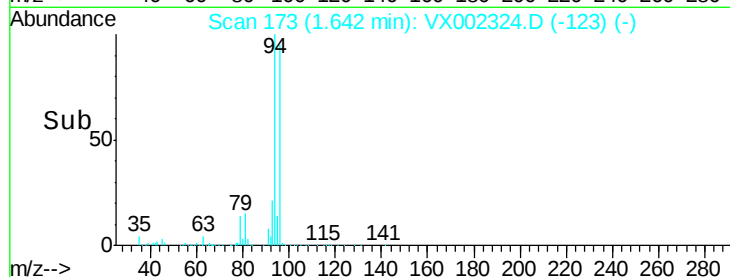
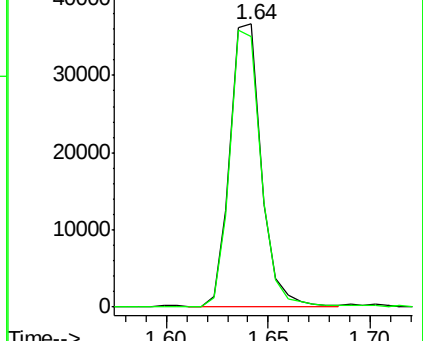
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002324.D

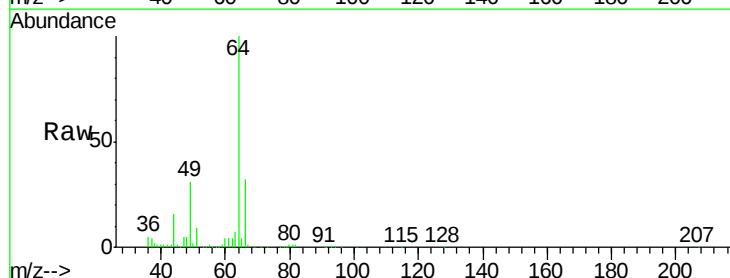
Acq: 06 Jun 2018 00:24

Tgt Ion: 64 Resp: 37298

Ion Ratio Lower Upper

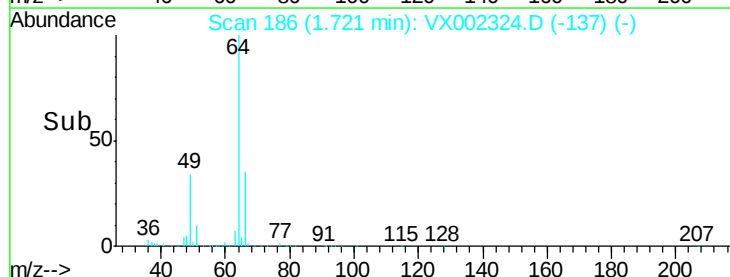
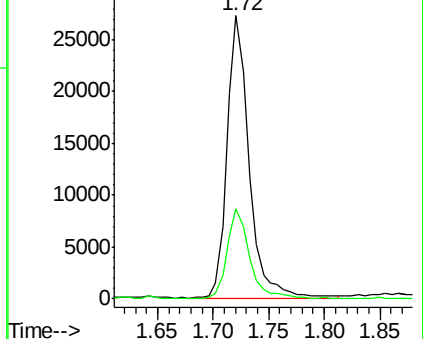
64 100

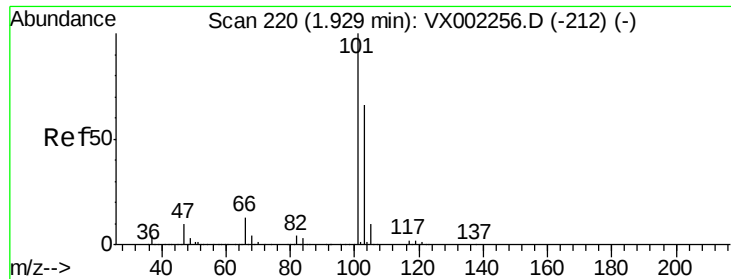
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



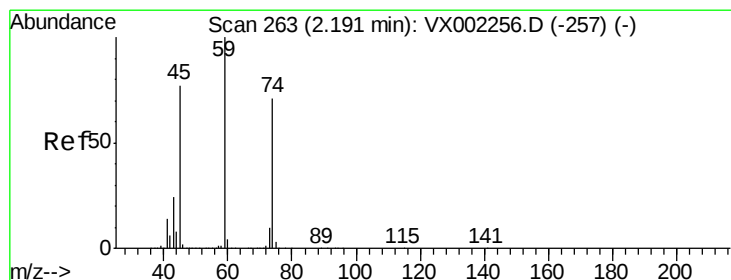
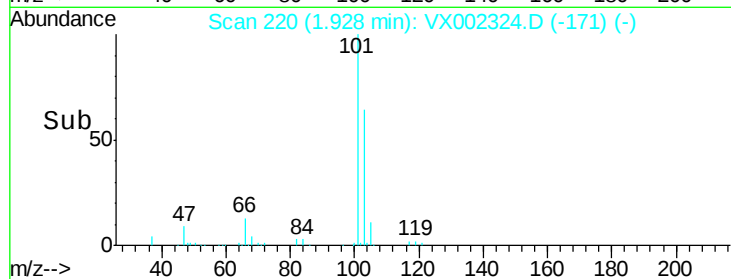
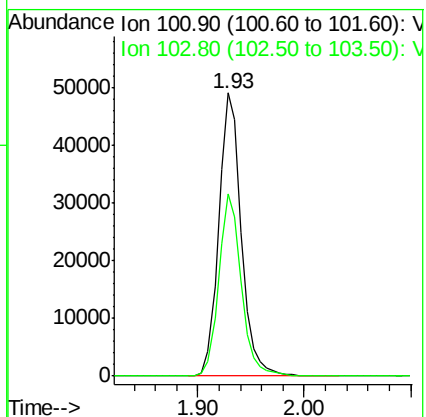
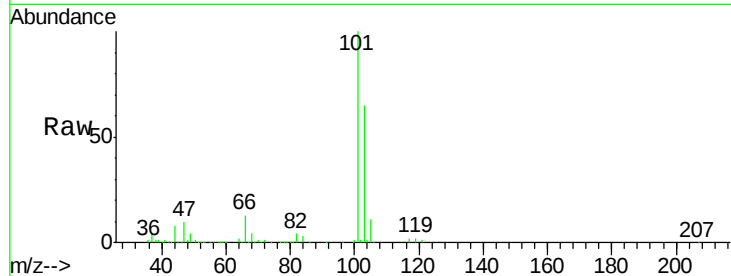


#7

Trichlorofluoromethane
Concen: 17.64 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

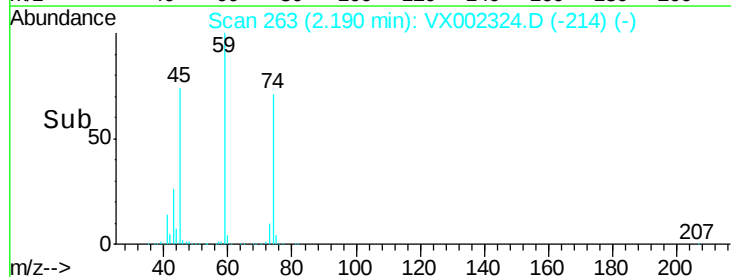
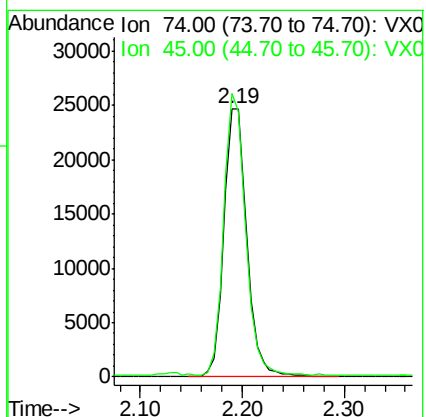
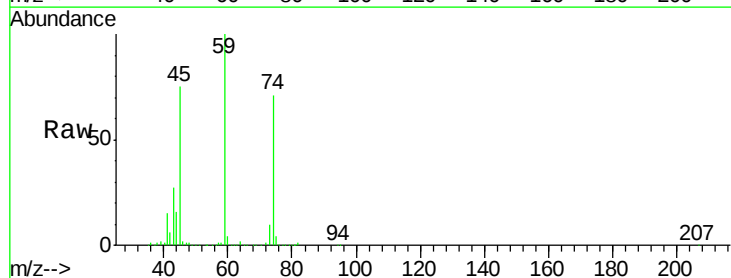
Tot Ion:101 Resp: 72252
Ion Ratio Lower Upper
101 100
103 64.6 52.8 79.2

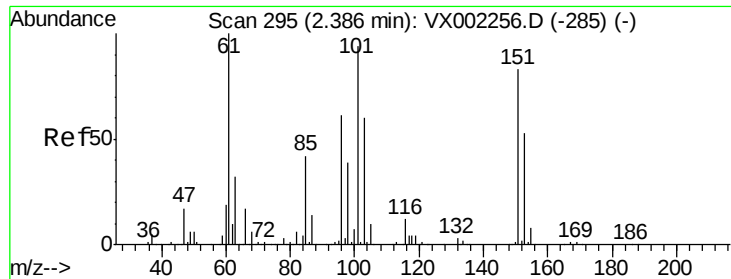


#8

Diethyl Ether
Concen: 25.34 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 74 Resp: 38601
Ion Ratio Lower Upper
74 100
45 99.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

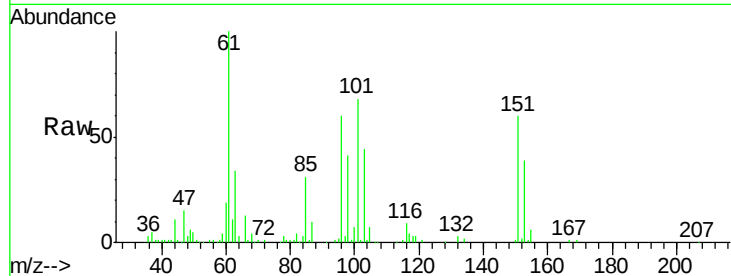
Tot Ion:101 Resp: 35297

Ion Ratio Lower Upper

101 100

85 46.7 36.0 54.0

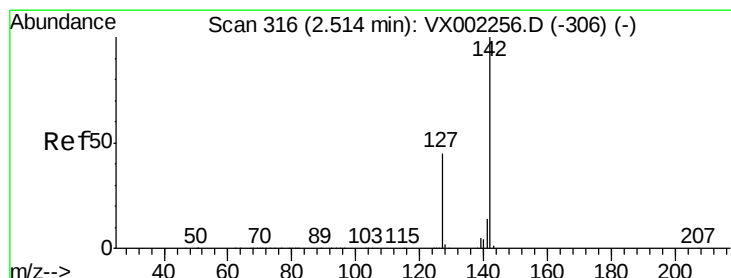
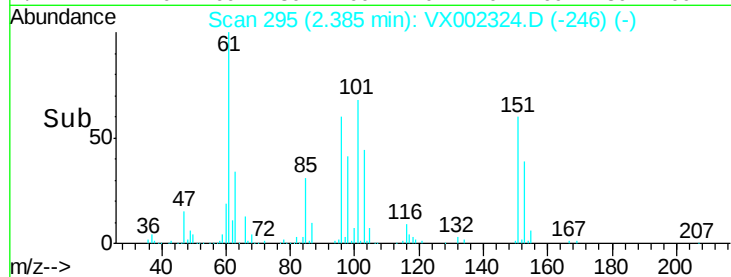
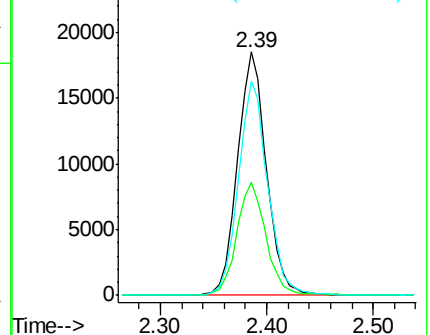
151 89.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

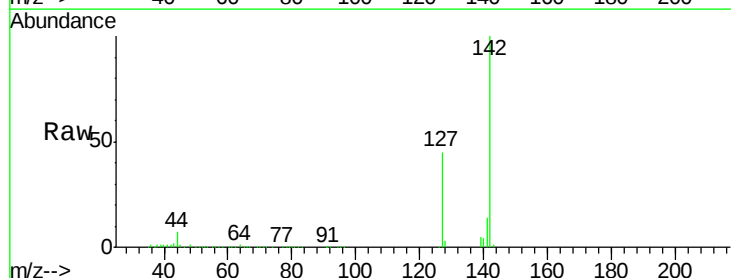
Tgt Ion:142 Resp: 66573

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

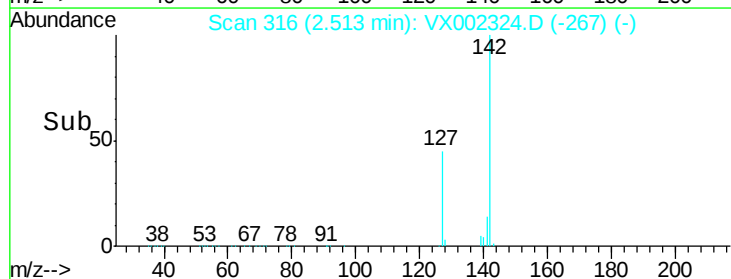
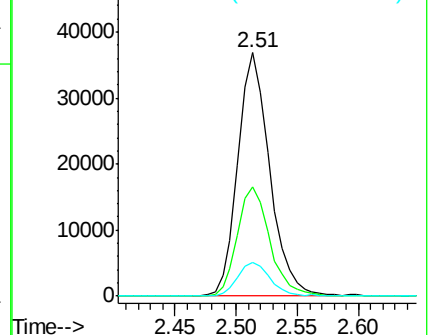
141 14.3 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

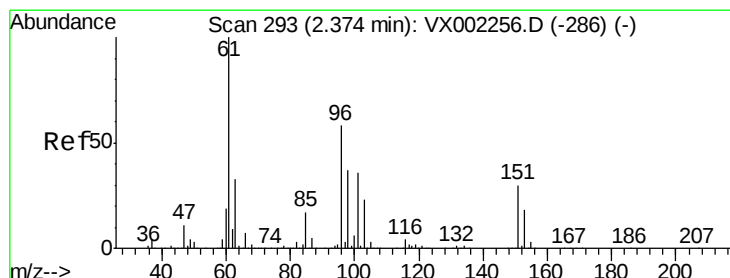
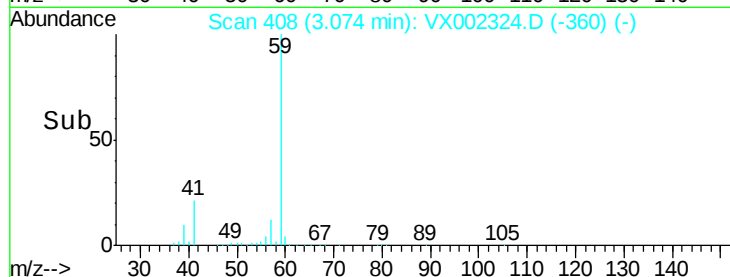
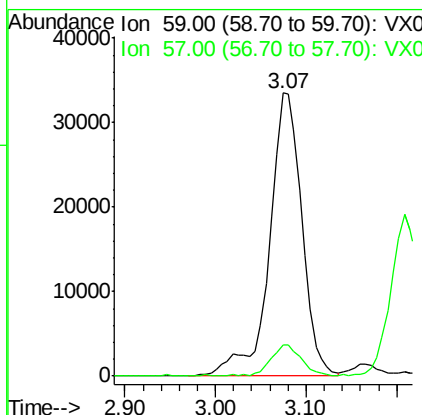
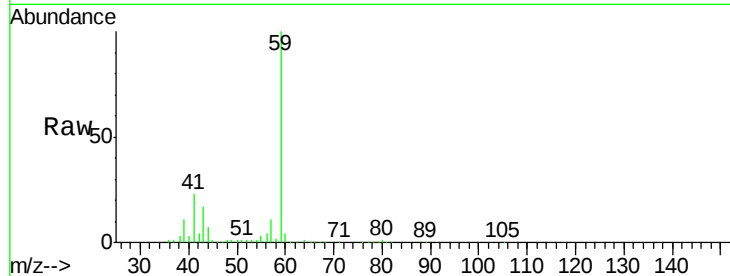




#11
Tert butyl alcohol
Concen: 128.66 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

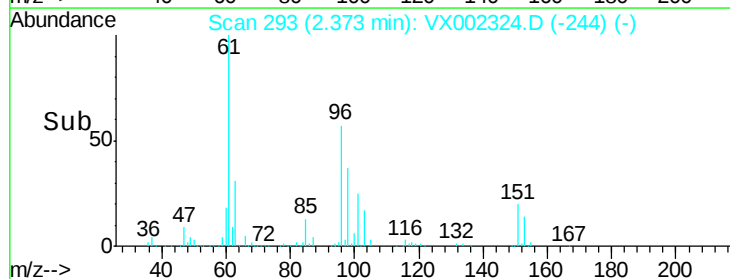
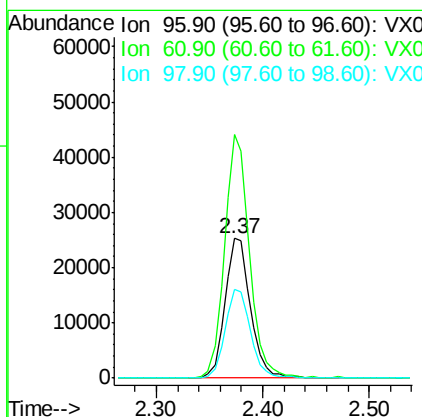
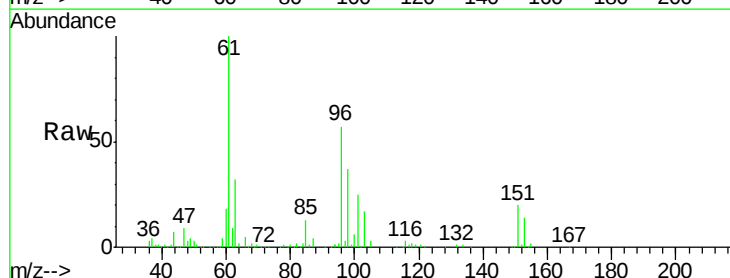
Instrument :
MSVOA_X
ClientSampleId :

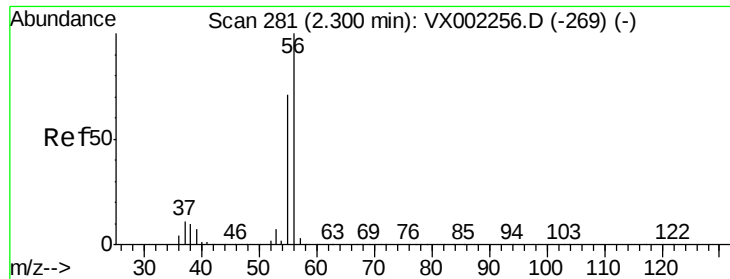
Tot Ion: 59 Resp: 83144
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.40 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 96 Resp: 42371
Ion Ratio Lower Upper
96 100
61 174.1 137.9 206.9
98 63.7 51.6 77.4

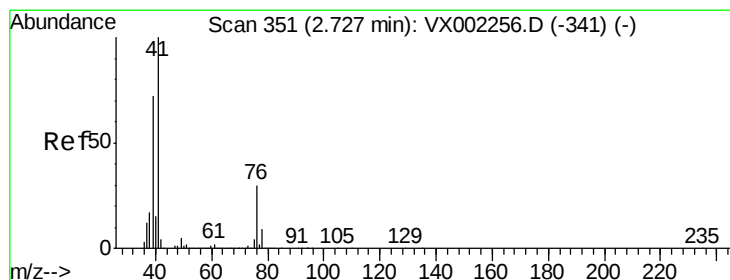
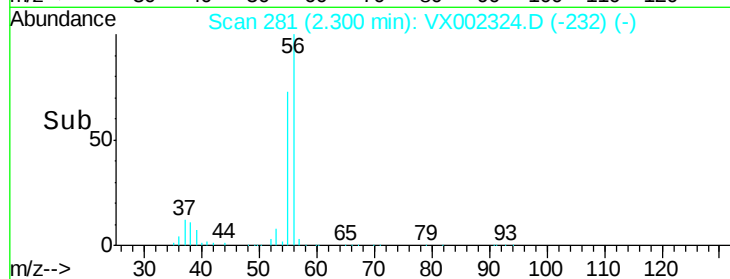
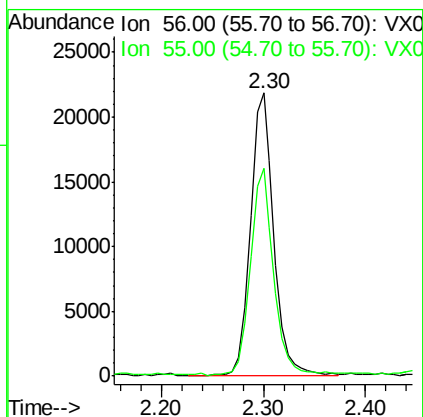
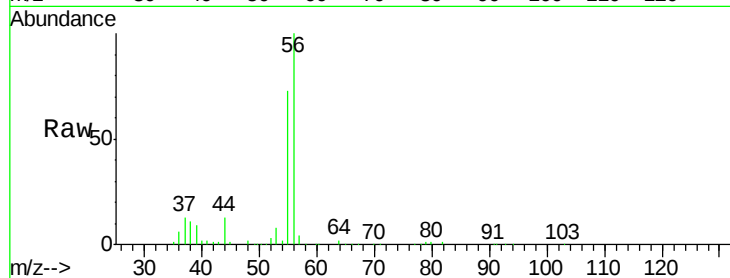




#13
 Acrolein
 Concen: 115.09 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

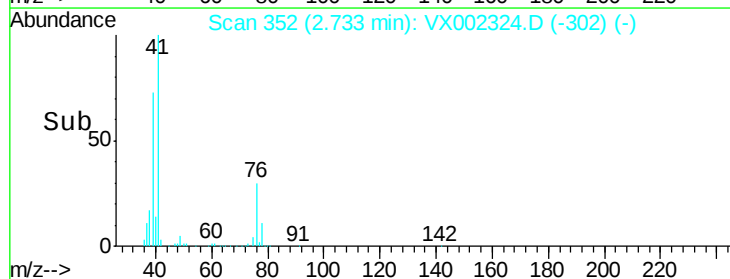
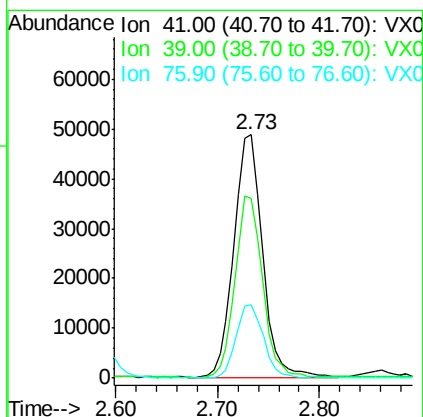
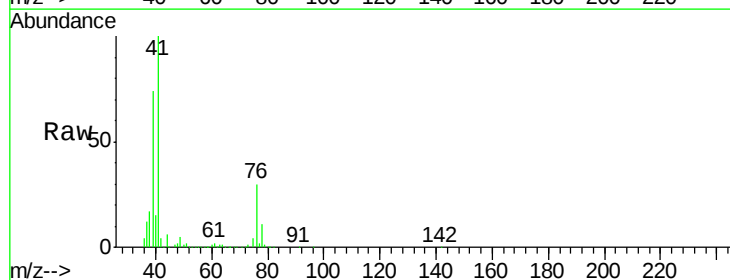
Instrument :
 MSVOA_X
 ClientSampleId :

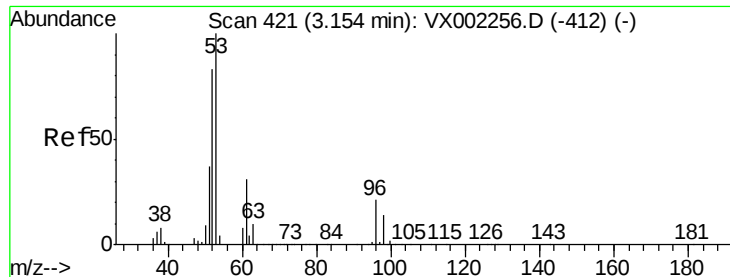
Tot Ion: 56 Resp: 35063
 Ion Ratio Lower Upper
 56 100
 55 72.4 57.0 85.4



#14
 Allyl chloride
 Concen: 19.95 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 41 Resp: 94553
 Ion Ratio Lower Upper
 41 100
 39 71.0 56.8 85.2
 76 29.2 23.8 35.8





#15

Acrylonitrile

Concen: 126.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

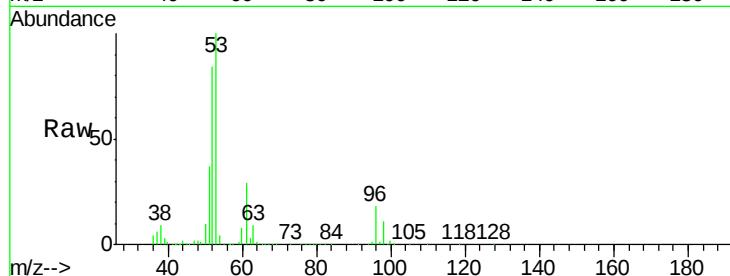
Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 164112

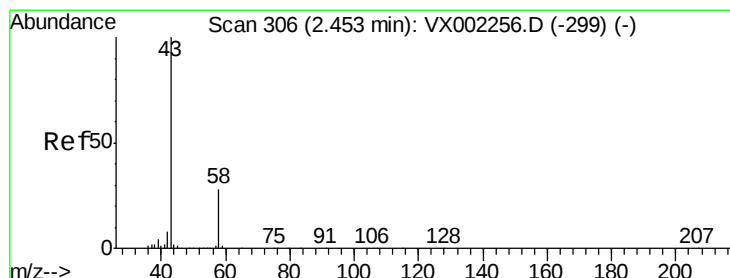
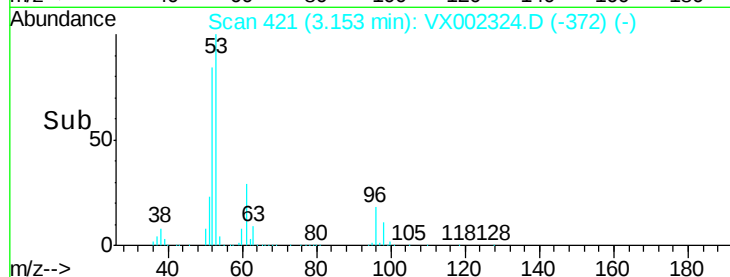
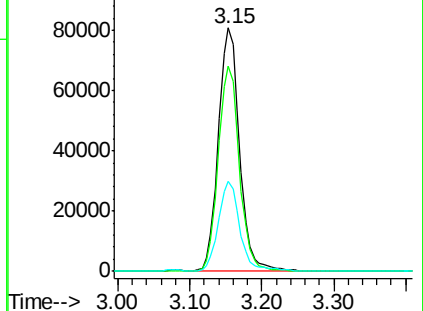
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.7	100.1
51	37.6	29.9	44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 112.70 ug/l

RT: 2.45 min Scan# 306

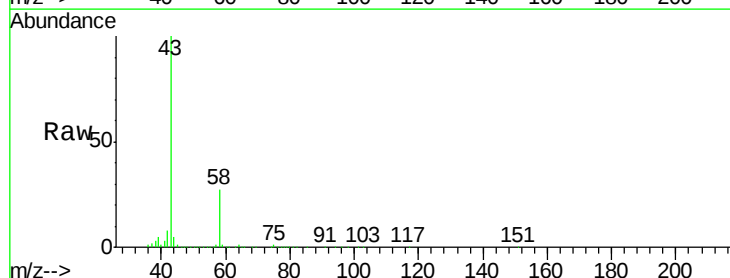
Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

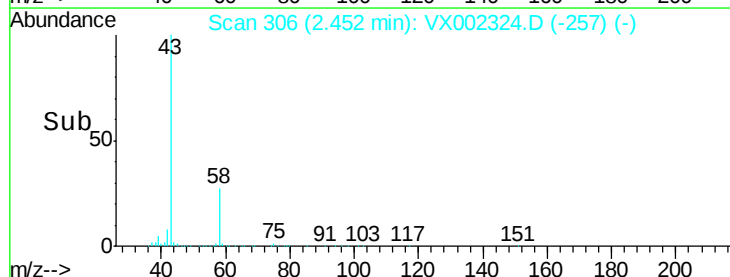
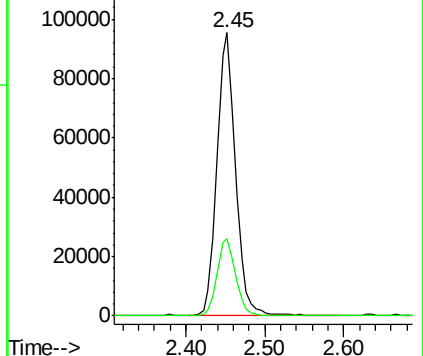
Tgt Ion: 43 Resp: 155497

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

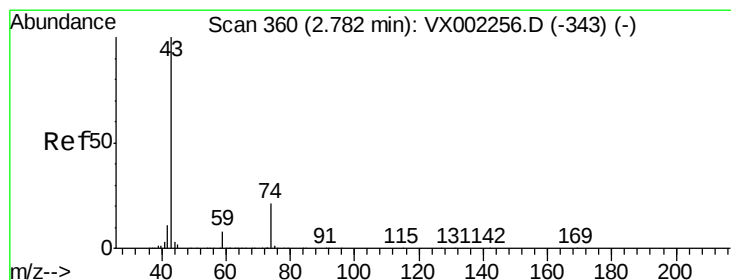
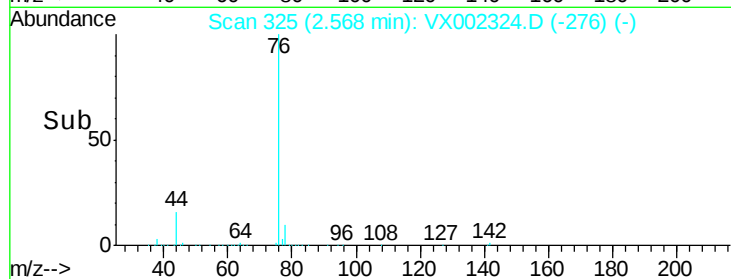
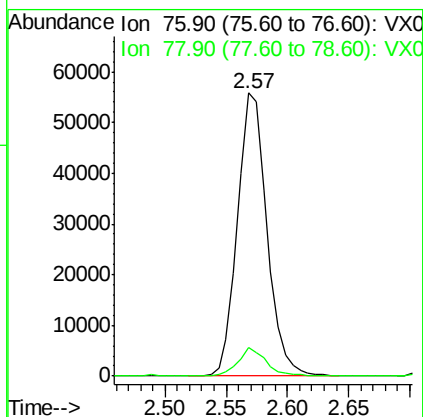
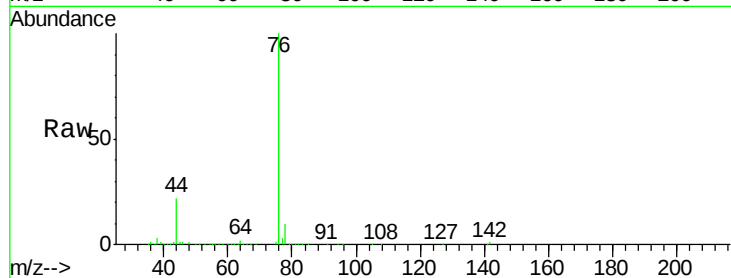




#17
Carbon Disulfide
Concen: 16.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

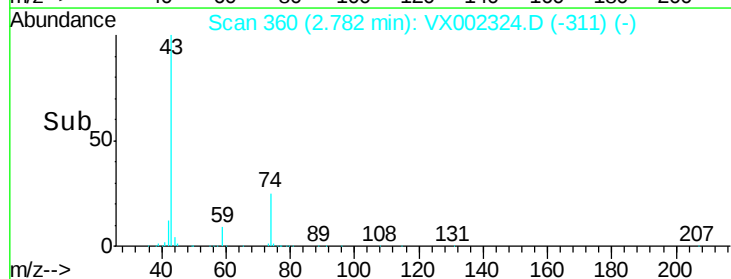
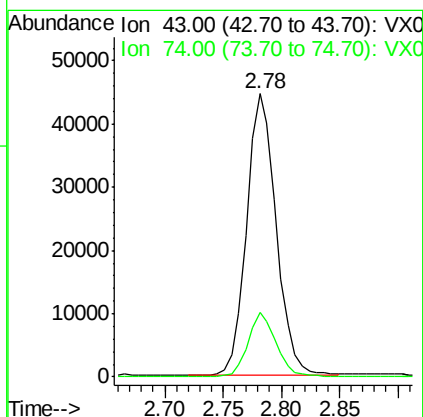
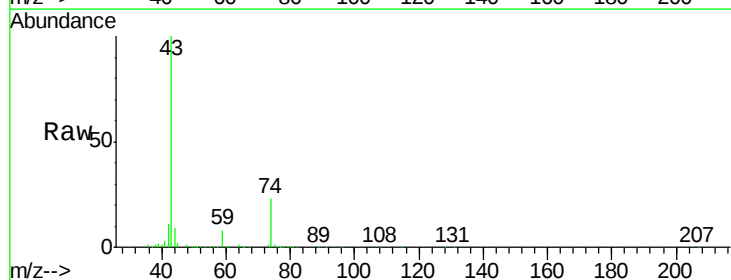
Instrument :
MSVOA_X
ClientSampleId :

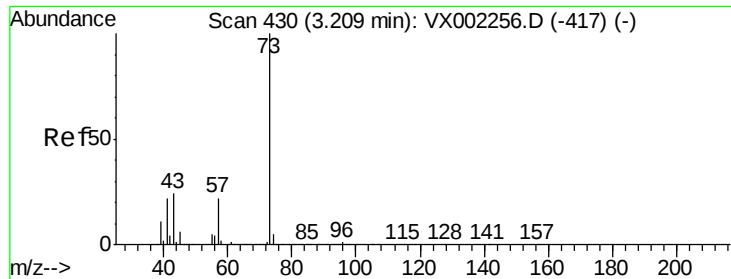
Tot Ion: 76 Resp: 93518
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 25.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 79284
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1



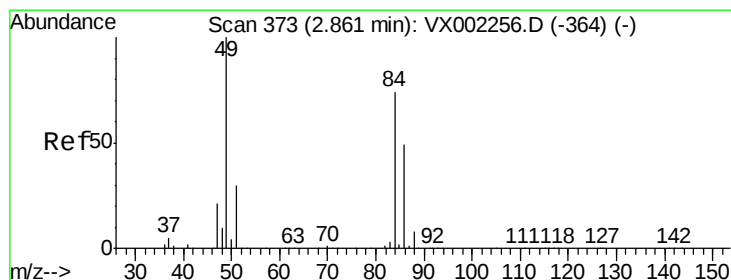
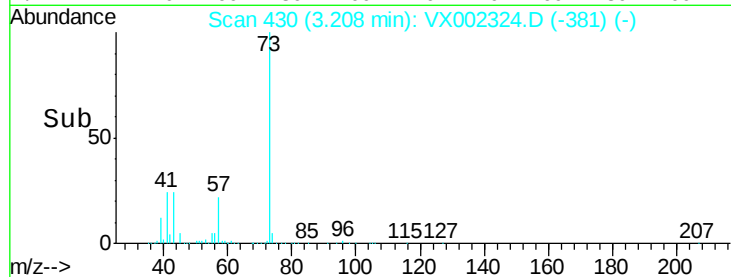
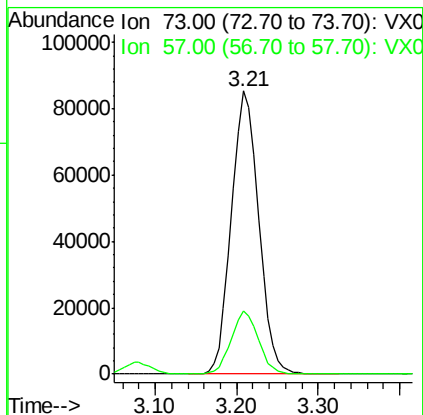
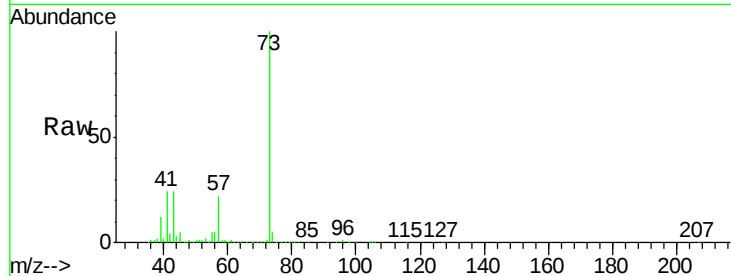


#19

Methyl tert-butyl Ether
Concen: 24.74 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :

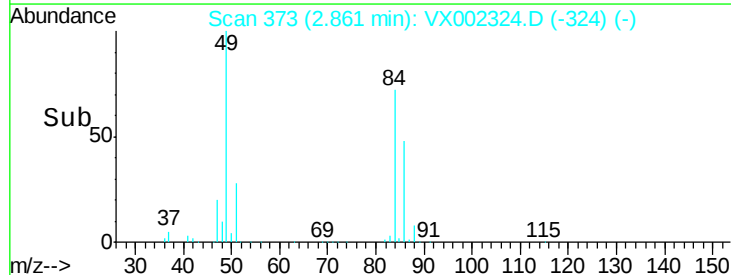
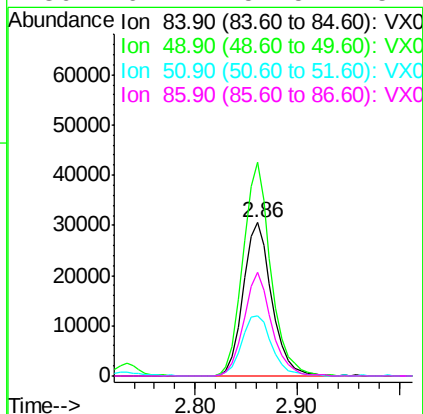
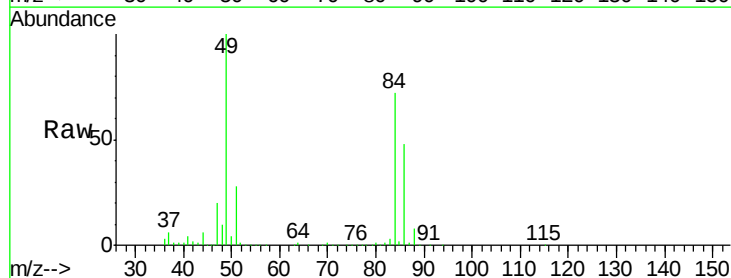
Tot Ion: 73 Resp: 197366
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

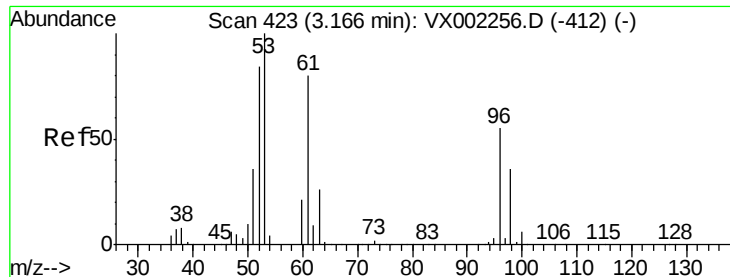


#20

Methylene Chloride
Concen: 24.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 84 Resp: 59212
Ion Ratio Lower Upper
84 100
49 139.1 107.8 161.6
51 39.1 32.8 49.2
86 67.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

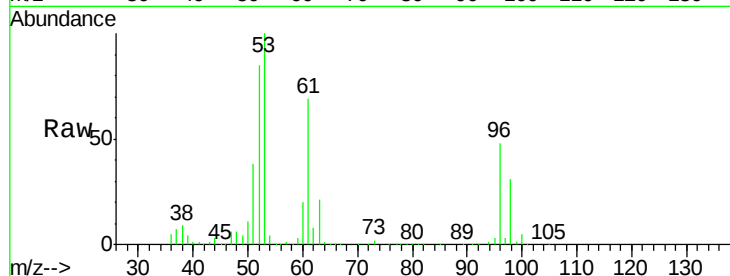
Tot Ion: 96 Resp: 49594

Ion Ratio Lower Upper

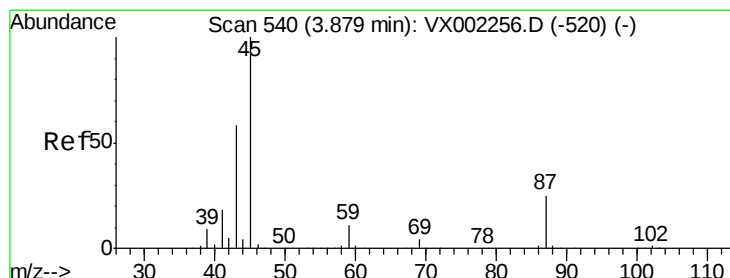
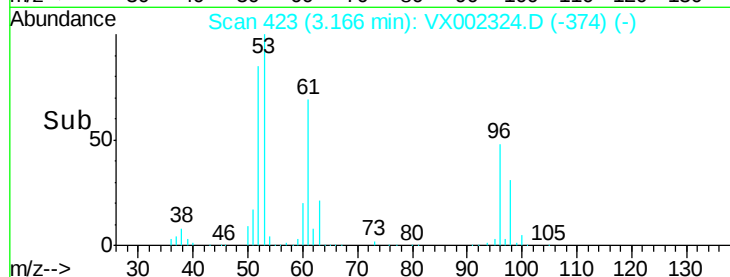
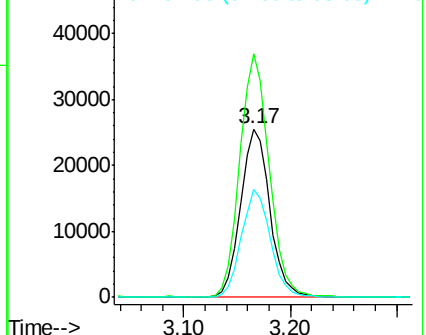
96 100

61 144.6 117.0 175.4

98 64.1 52.4 78.6



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



#22

Diisopropyl ether

Concen: 21.55 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 45 Resp: 177372

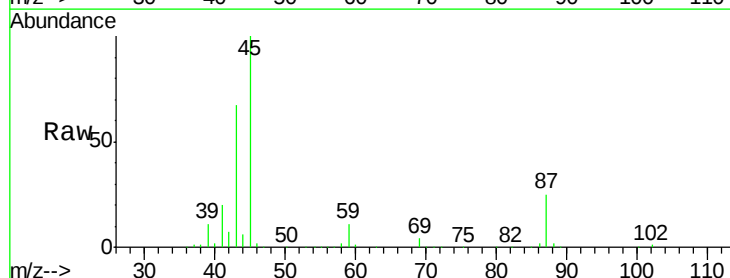
Ion Ratio Lower Upper

45 100

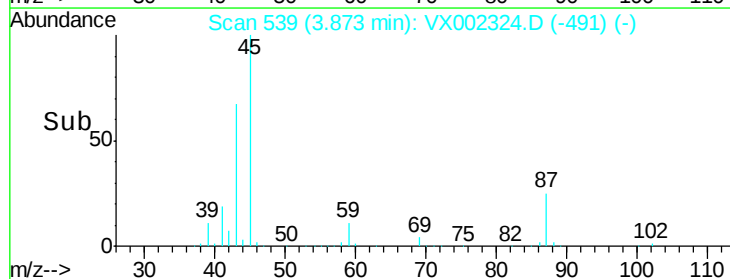
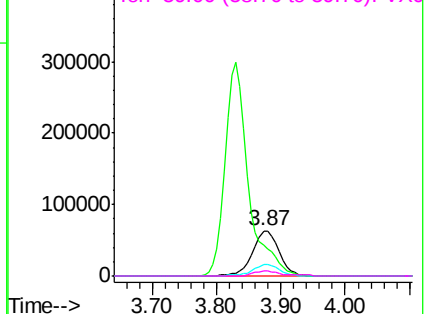
43 67.2 46.8 70.2

87 24.7 20.2 30.4

59 11.0 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

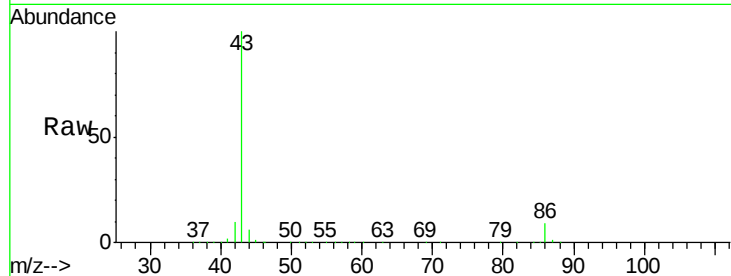
ClientSampleId :

Tot Ion: 43 Resp: 765320

Ion Ratio Lower Upper

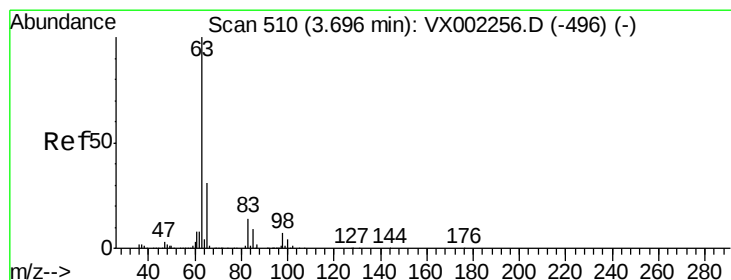
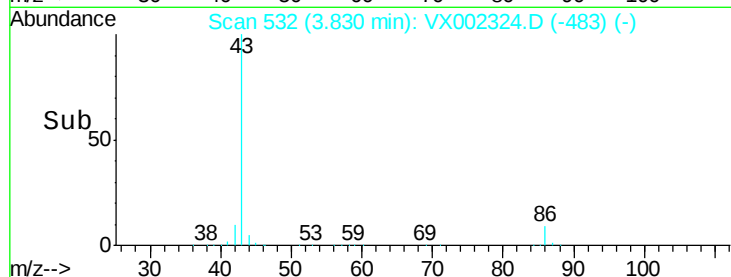
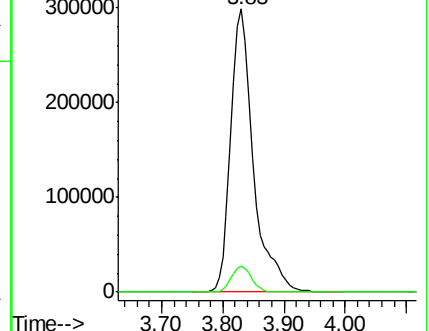
43 100

86 9.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.72 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

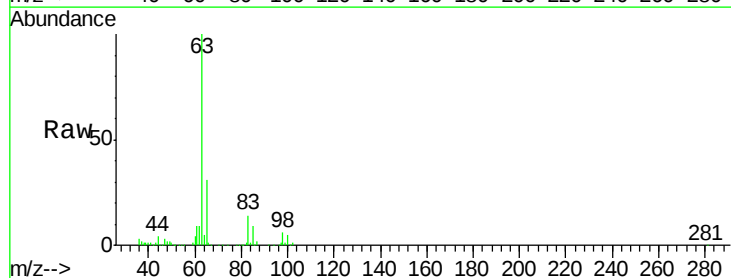
Tgt Ion: 63 Resp: 101753

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

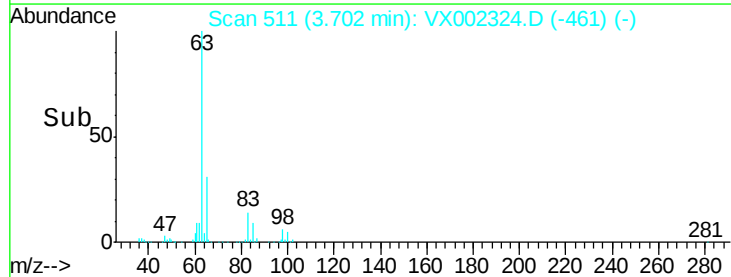
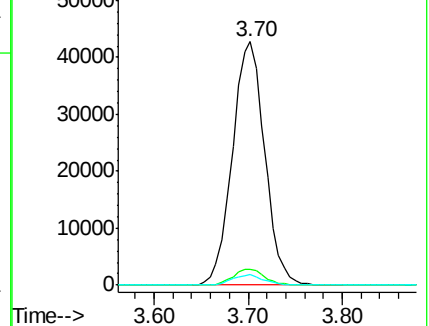
100 4.5 2.0 6.0

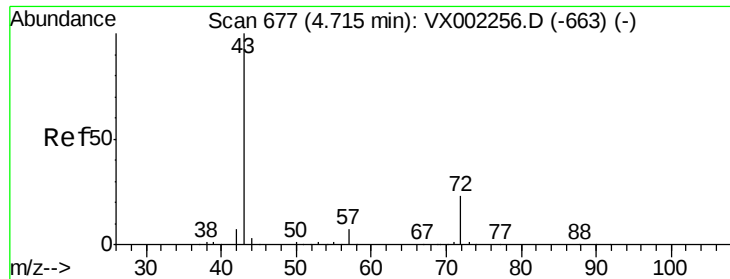


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

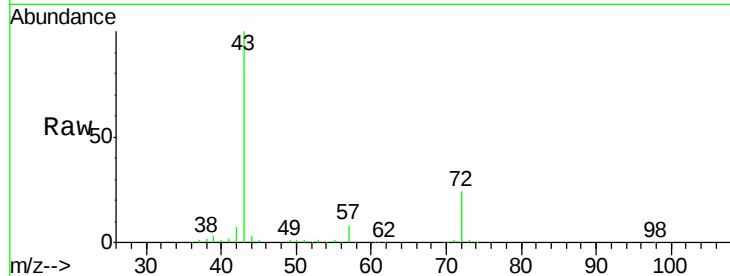
ClientSampled :

Tot Ion: 43 Resp: 209352

Ion Ratio Lower Upper

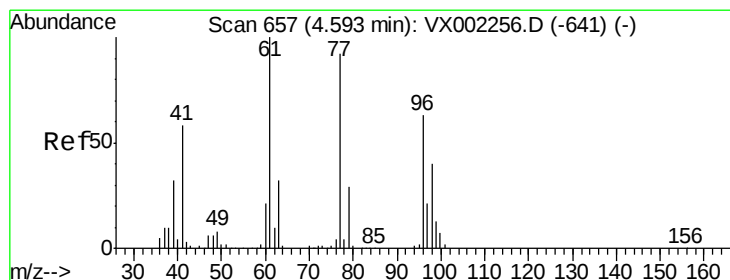
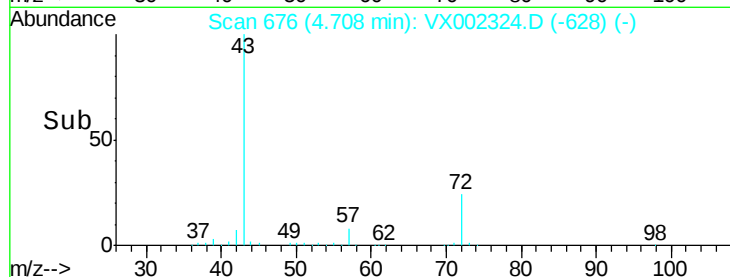
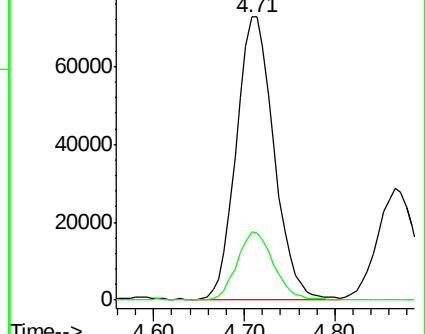
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.56 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002324.D

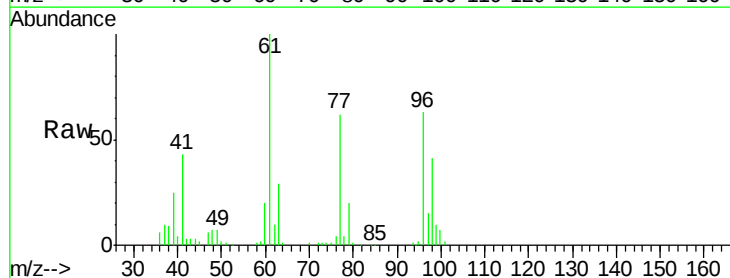
Acq: 06 Jun 2018 00:24

Tgt Ion: 77 Resp: 49668

Ion Ratio Lower Upper

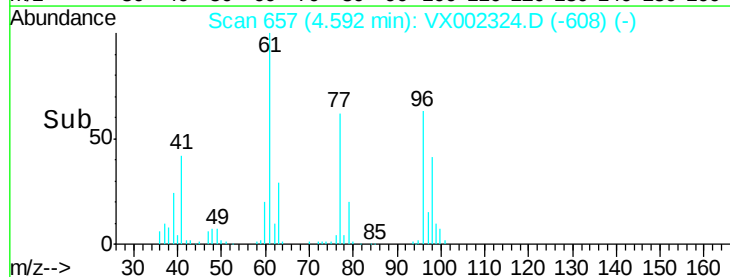
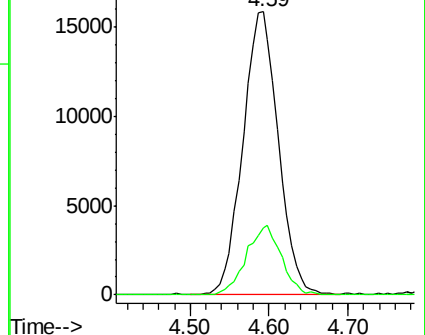
77 100

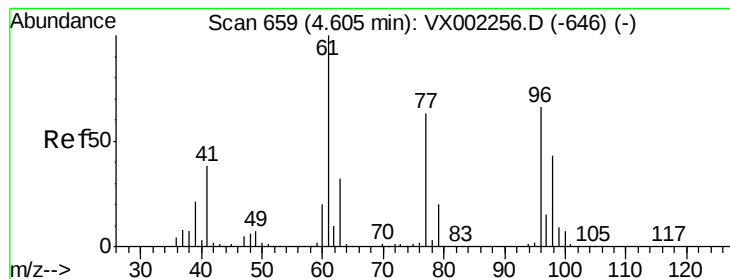
97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

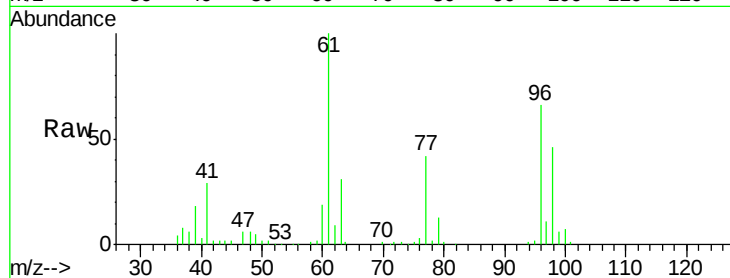
Tot Ion: 96 Resp: 53169

Ion Ratio Lower Upper

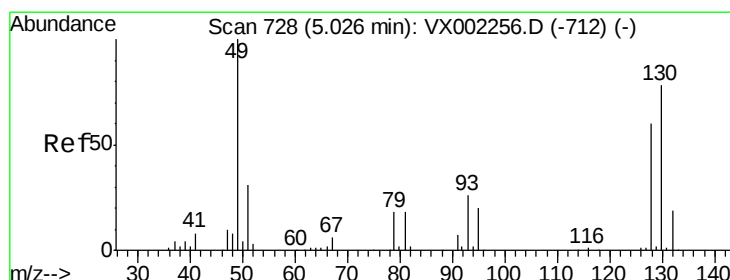
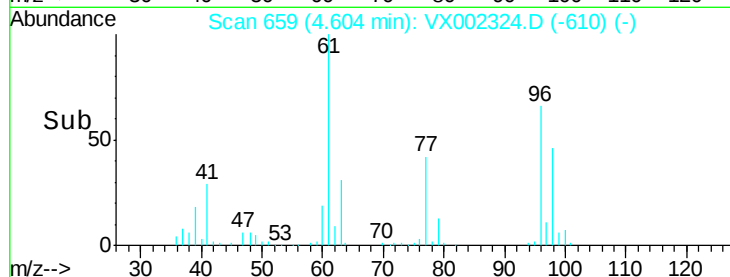
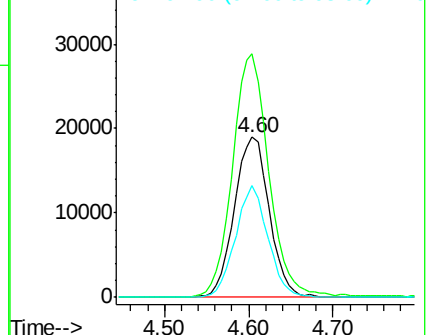
96 100

61 159.5 0.0 330.2

98 64.9 0.0 130.2



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



#28

Bromochloromethane

Concen: 22.31 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

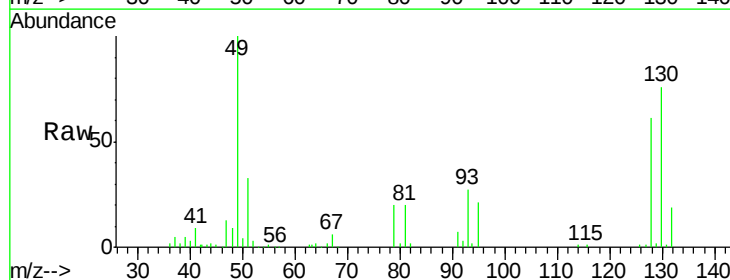
Tgt Ion: 49 Resp: 48376

Ion Ratio Lower Upper

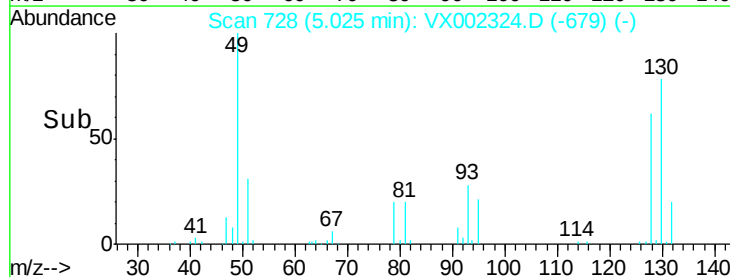
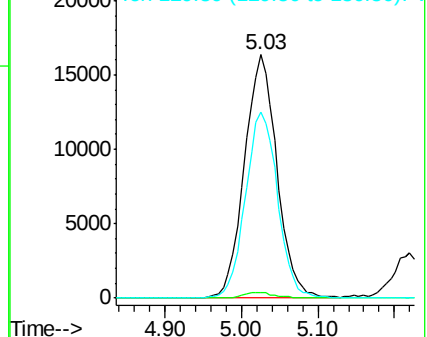
49 100

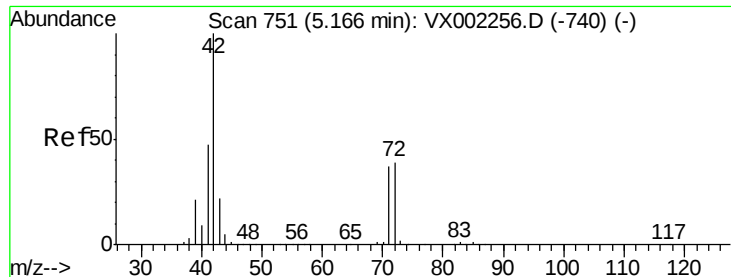
129 2.4 0.0 4.2

130 75.5 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

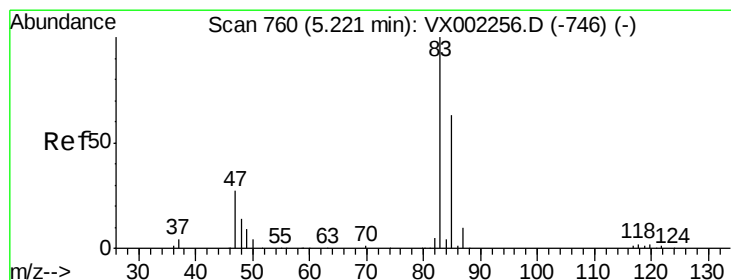
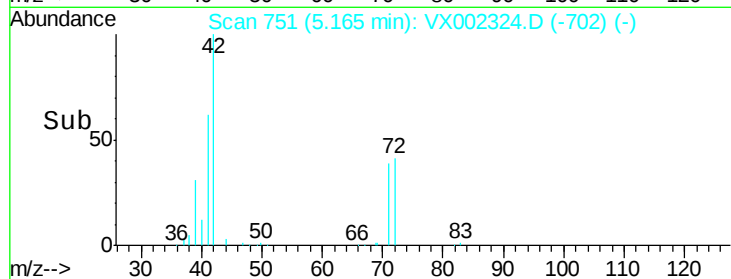
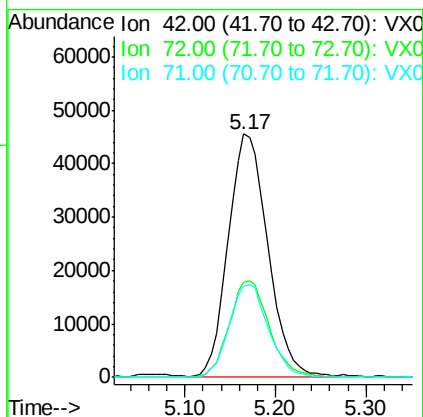
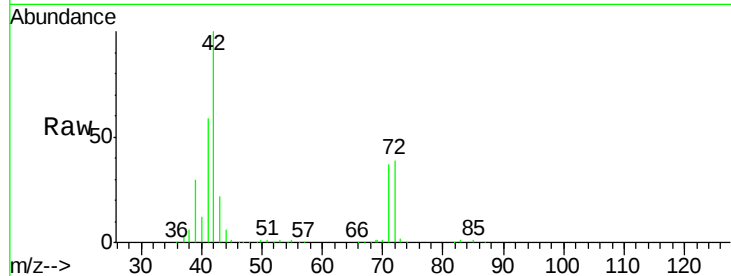




#29
Tetrahydrofuran
Concen: 105.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

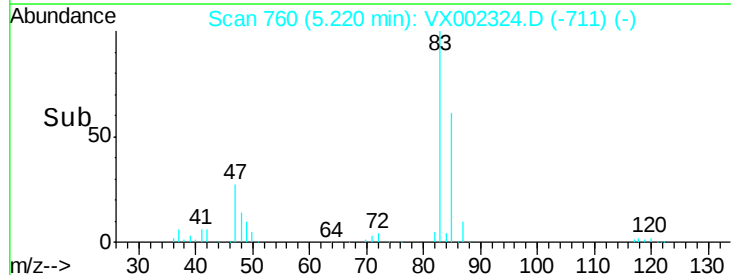
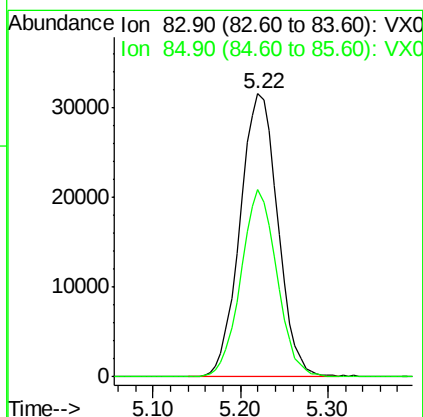
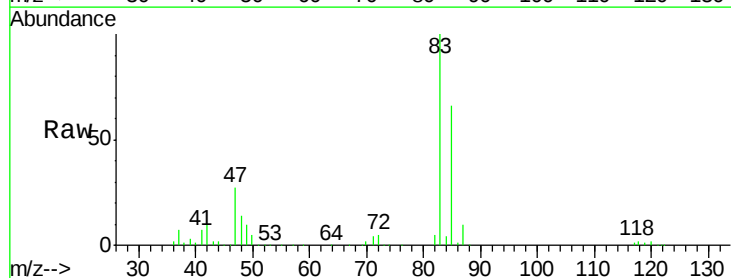
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 137215
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 20.99 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 83 Resp: 94902
Ion Ratio Lower Upper
83 100
85 66.2 50.4 75.6





#31

Cyclohexane

Concen: 14.79 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

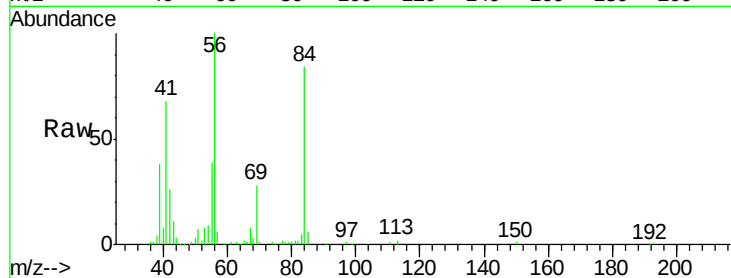
Tot Ion: 56 Resp: 54798

Ion Ratio Lower Upper

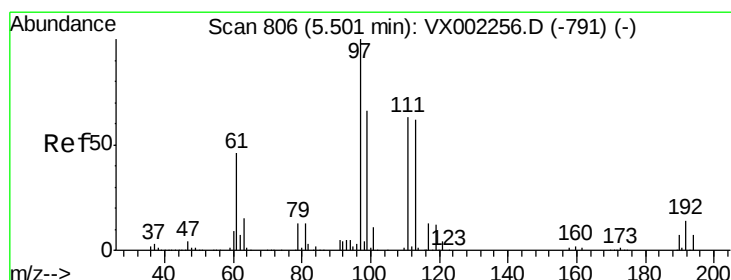
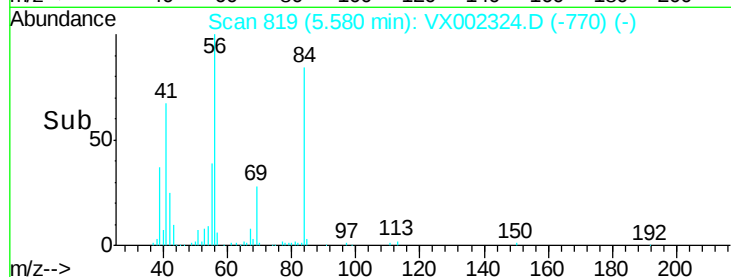
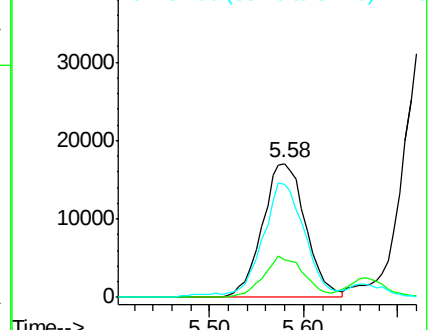
56 100

69 28.2 23.7 35.5

84 82.5 64.1 96.1



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: 18.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

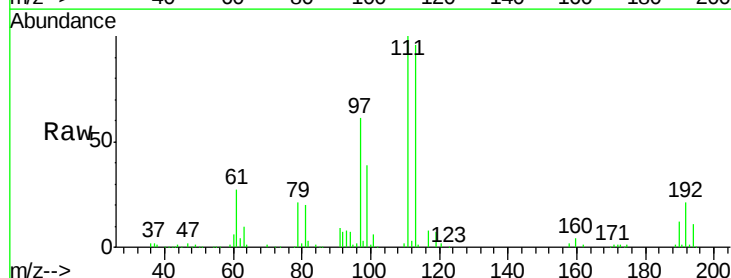
Tgt Ion: 97 Resp: 70824

Ion Ratio Lower Upper

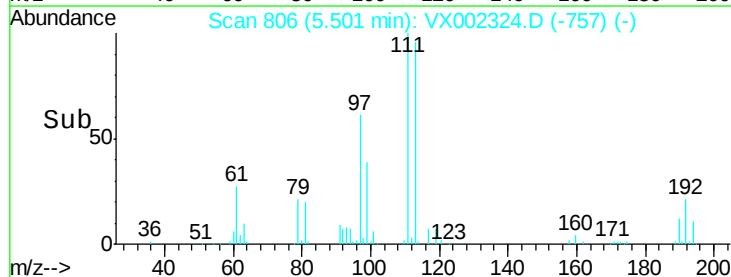
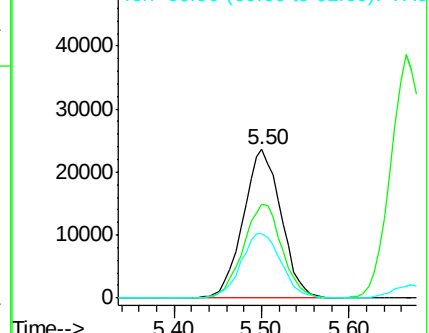
97 100

99 64.5 51.6 77.4

61 46.3 36.4 54.6



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

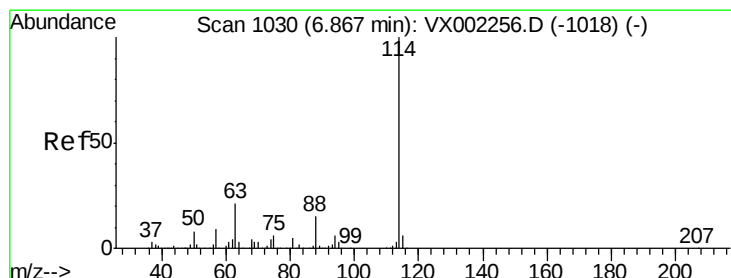
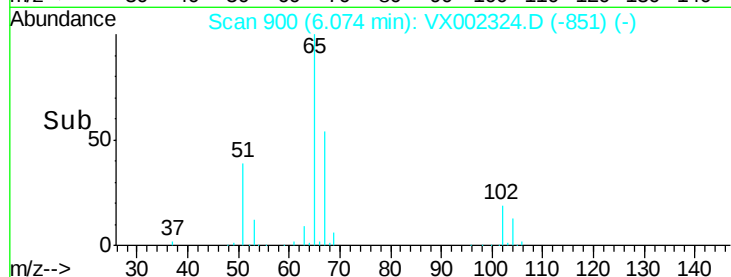
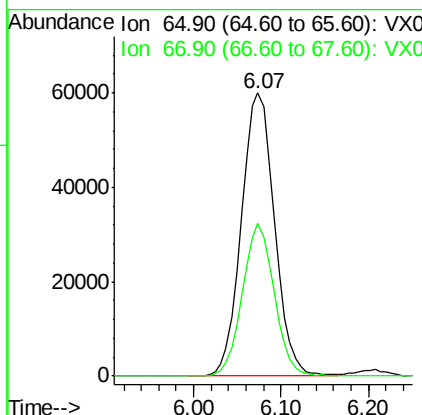
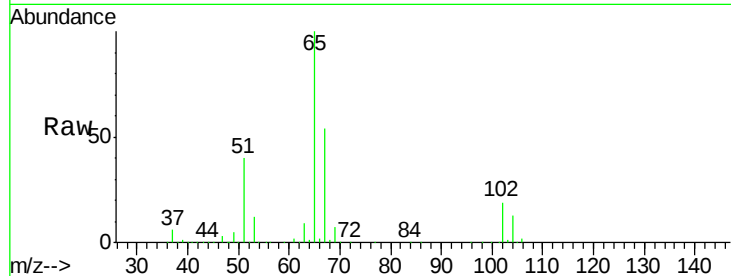




#33
 1,2-Dichloroethane-d4
 Concen: 54.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

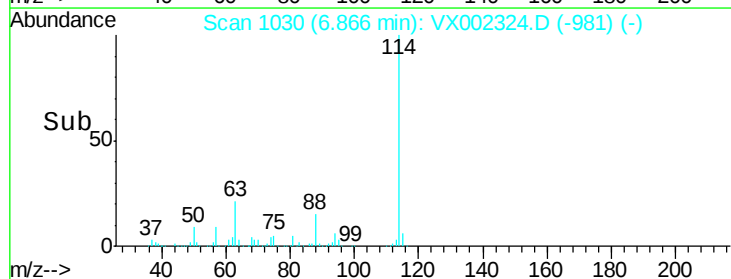
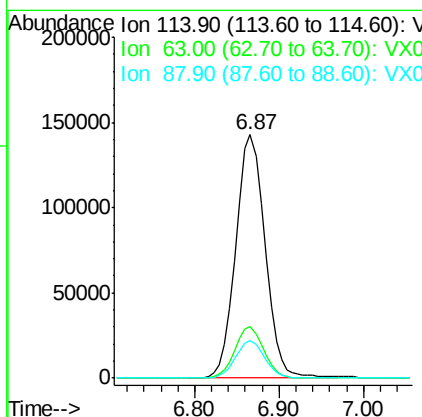
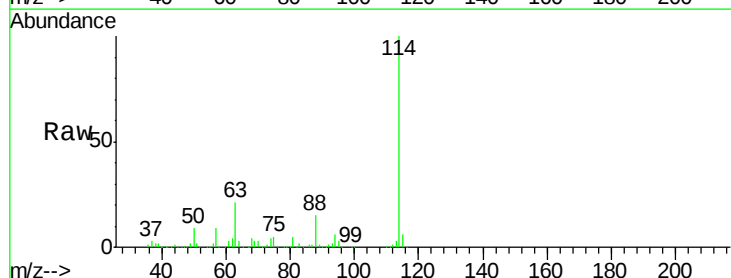
Instrument :
 MSVOA_X
 ClientSampleId :

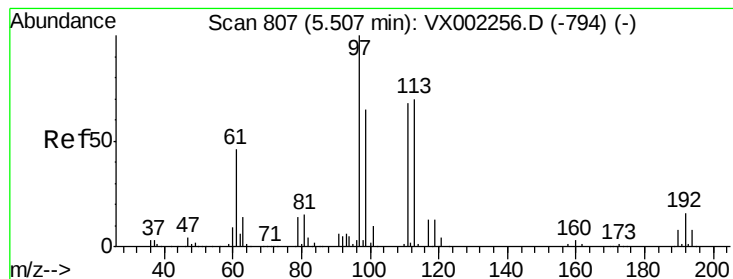
Tot Ion: 65 Resp: 157921
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 114 Resp: 336061
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 43.89 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

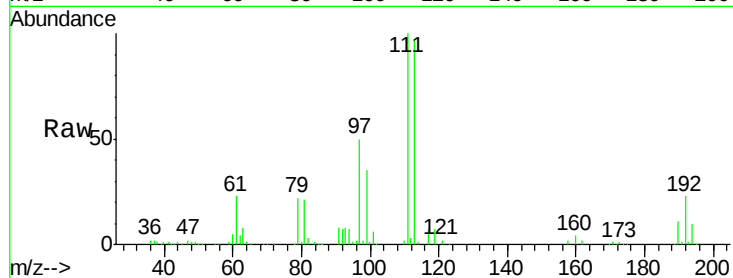
Tot Ion:113 Resp: 115990

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

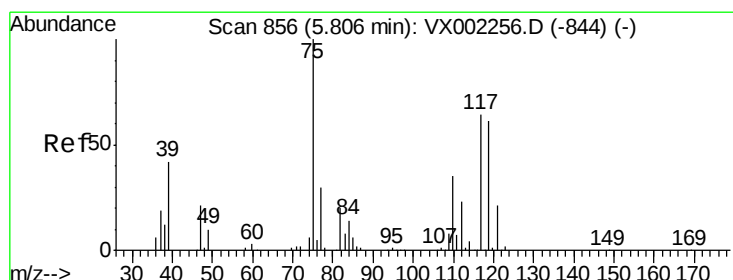
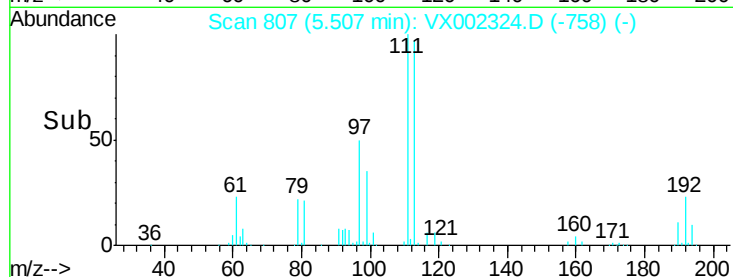
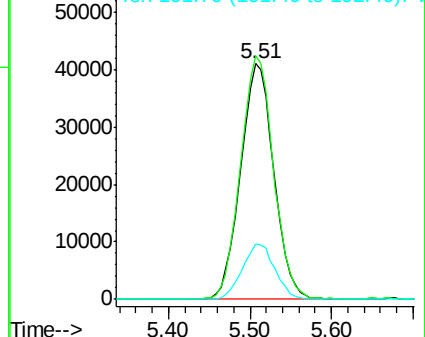
192 23.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.15 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

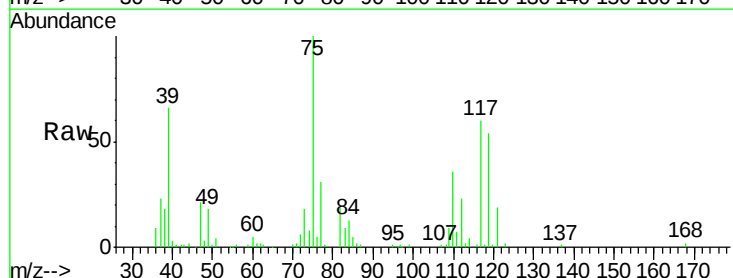
Tgt Ion: 75 Resp: 57071

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

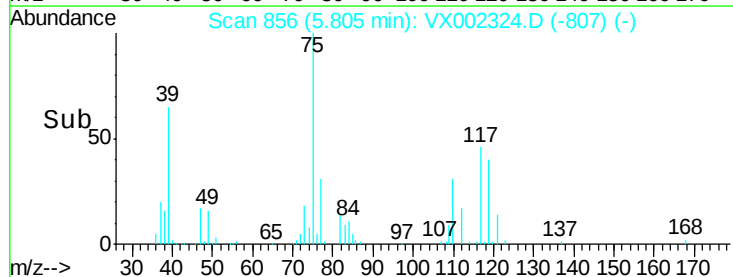
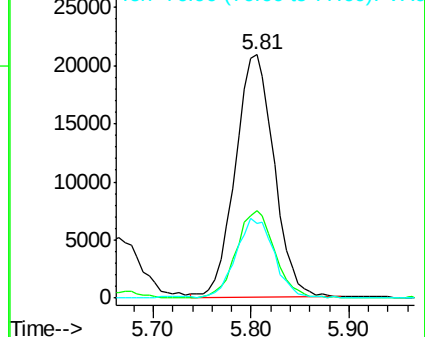
77 32.7 24.3 36.5

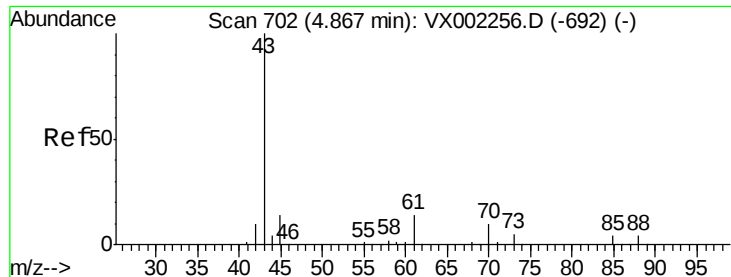


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

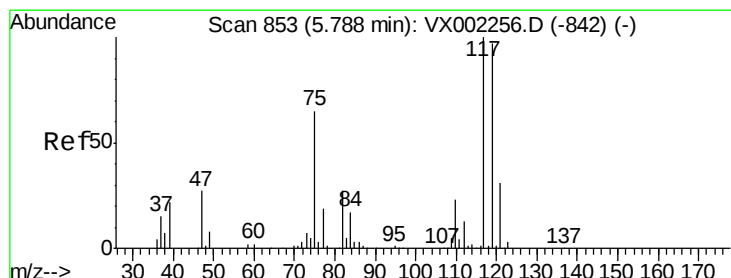
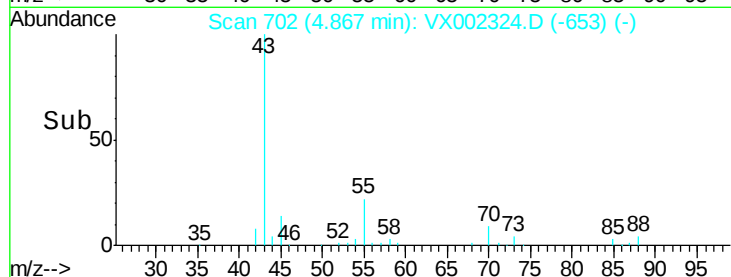
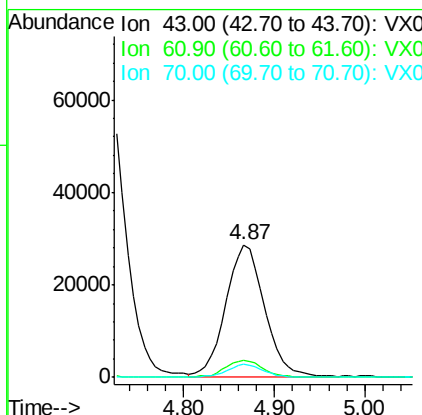
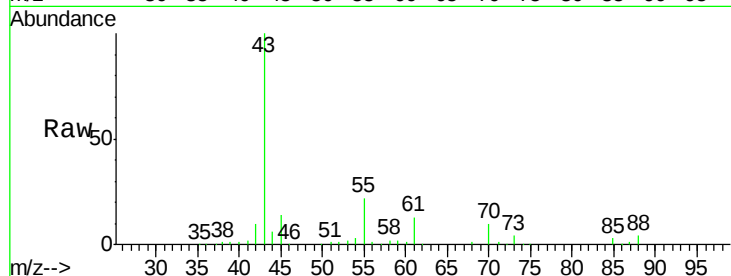




#37
Ethyl Acetate
Concen: 19.80 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

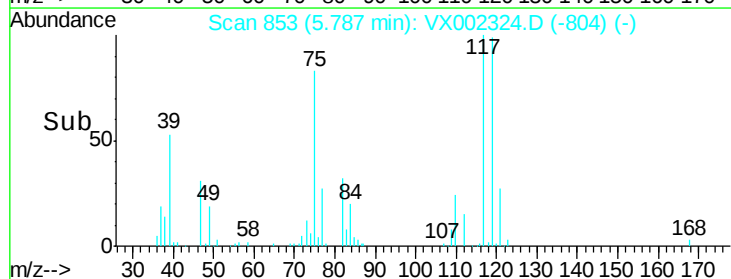
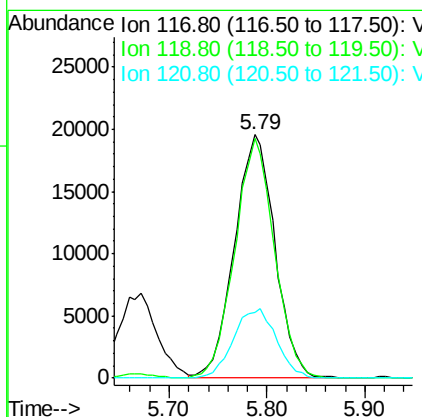
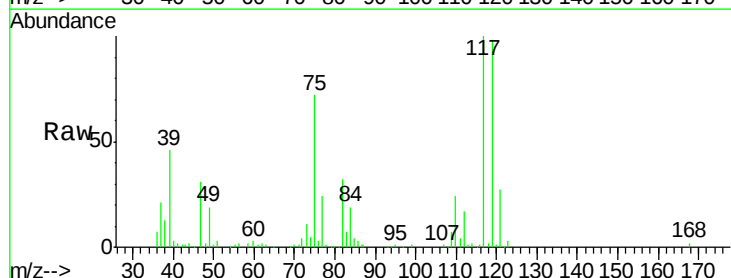
Instrument :
MSVOA_X
ClientSampleId :

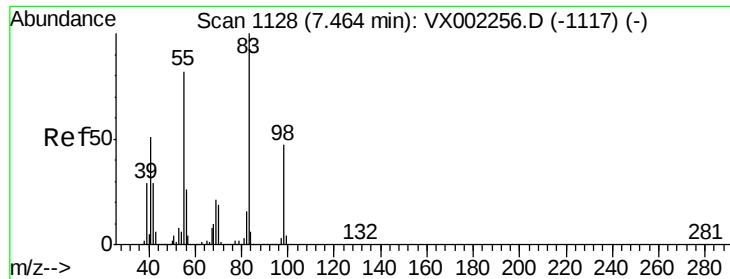
Tot Ion: 43 Resp: 84133
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 15.21 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 117 Resp: 56220
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
121 27.2 24.4 36.6

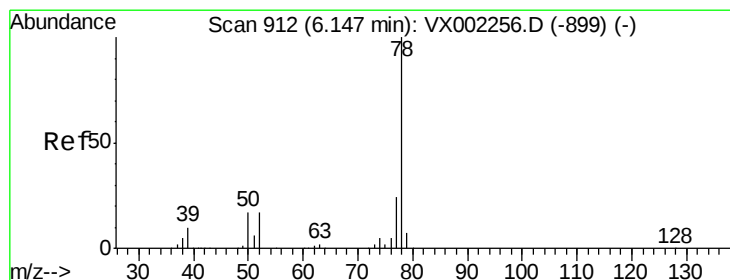
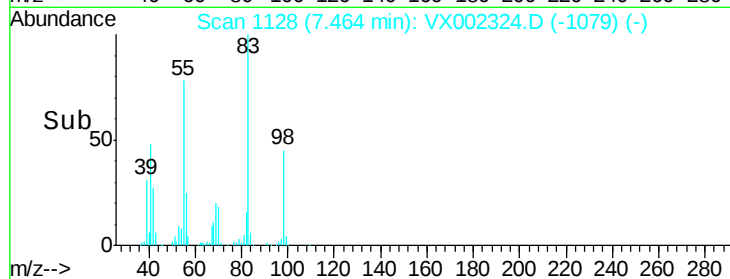
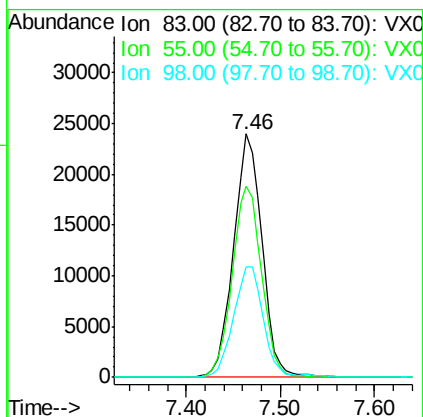
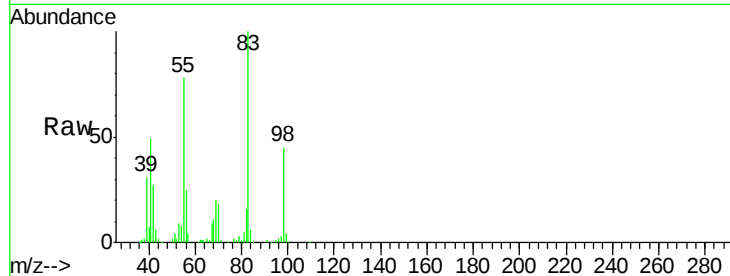




#39
Methvlcvclohexane
Concen: 11.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

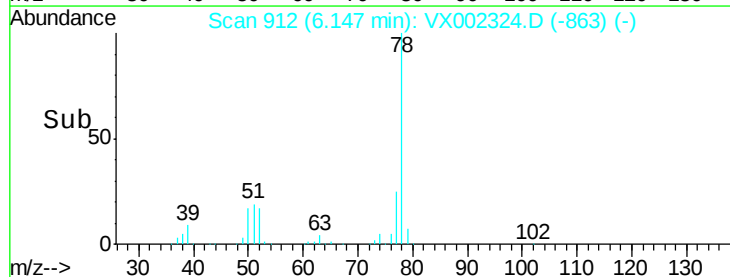
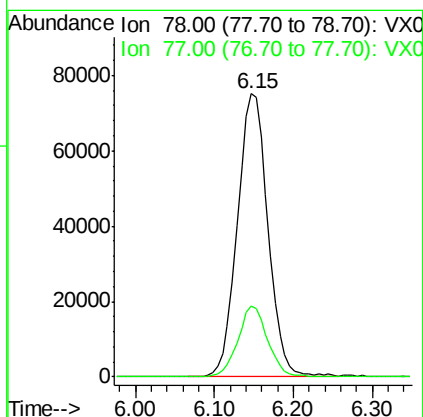
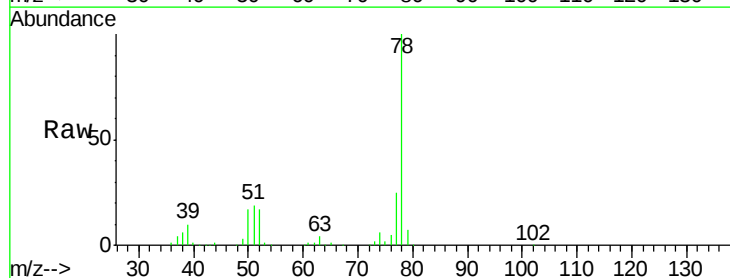
Instrument :
MSVOA_X
ClientSampleId :

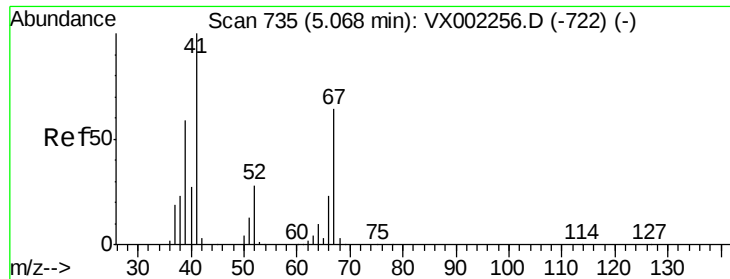
Tot Ion: 83 Resp: 50485
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 45.2 37.4 56.0



#40
Benzene
Concen: 18.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 78 Resp: 202877
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7

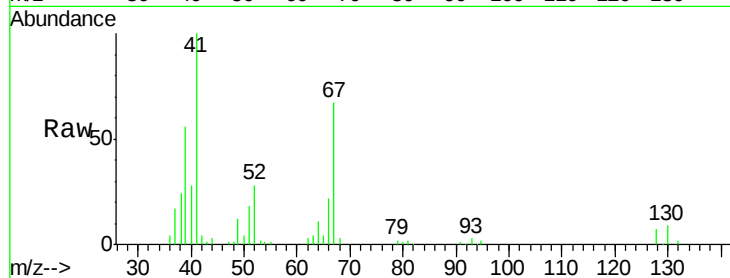




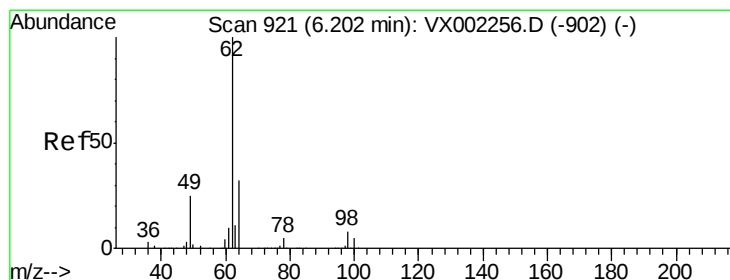
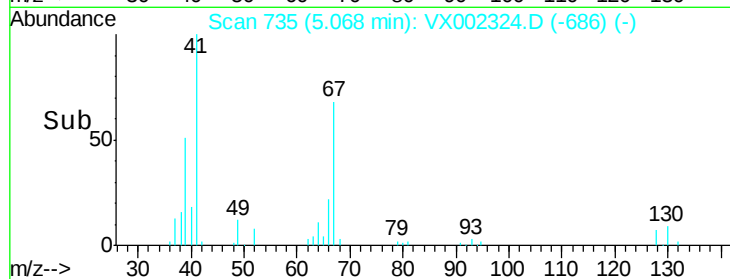
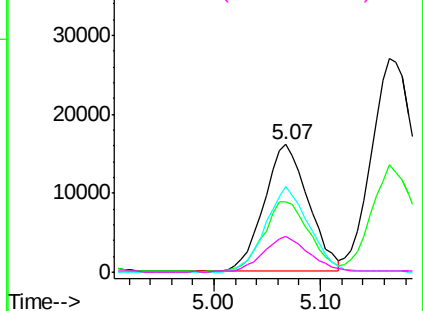
#41
Methacrylonitrile
Concen: 19.22 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	46736
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	66.6	51.3	76.9
52	30.2	23.0	34.6

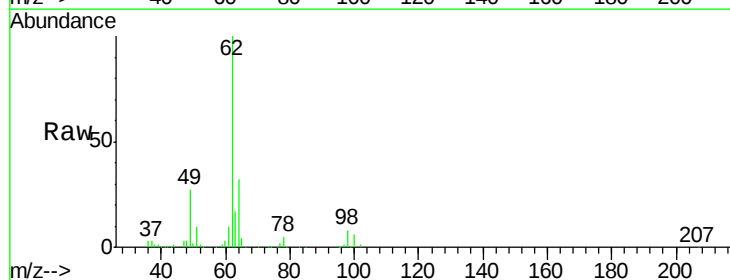


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

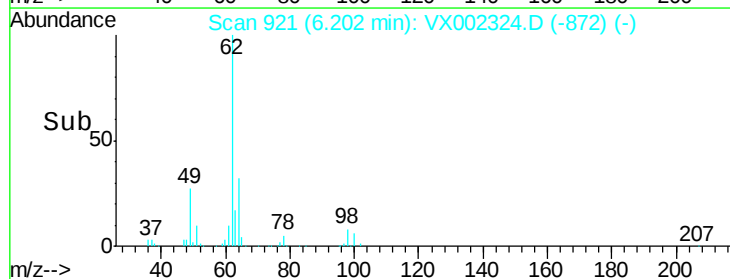
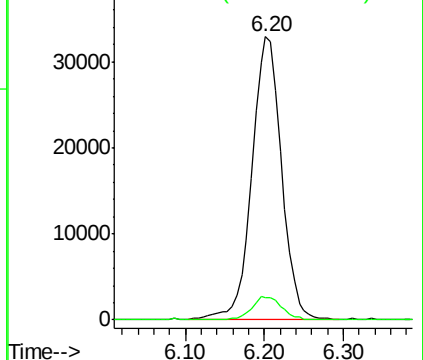


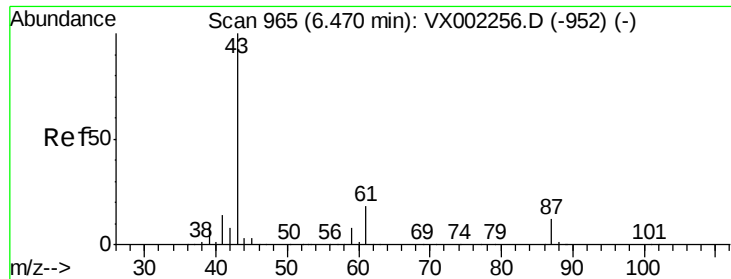
#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:	62	Resp:	86242
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



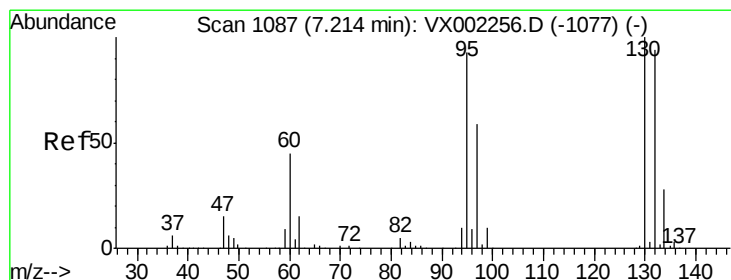
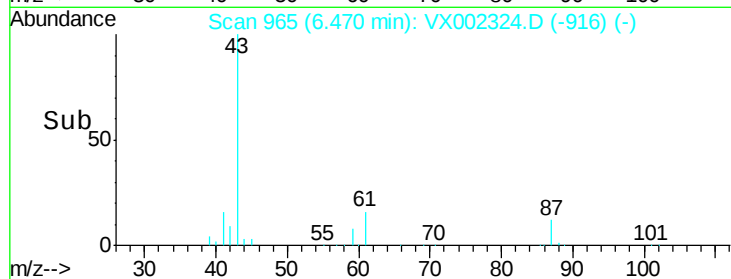
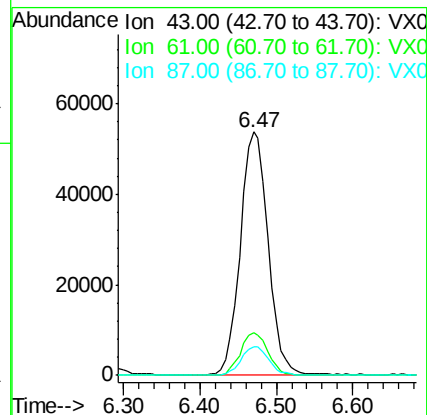
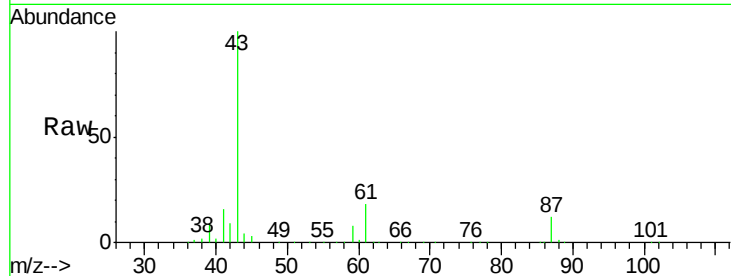


#43

Isopropyl Acetate
 Concen: 18.68 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :

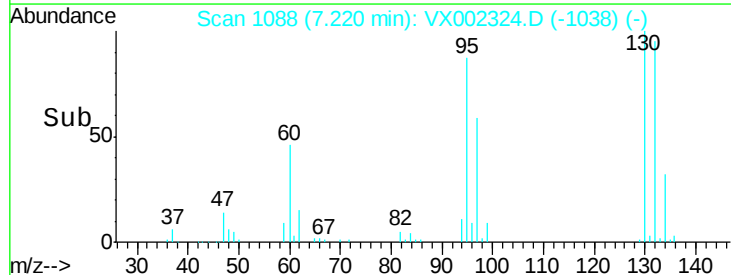
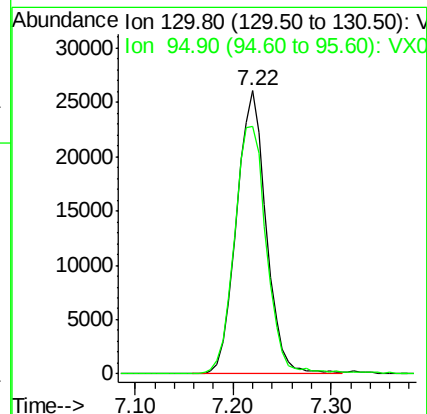
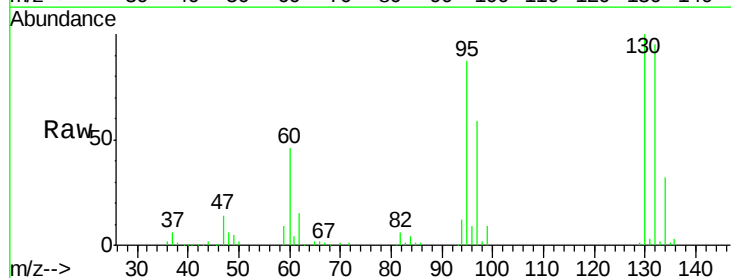
Tot Ion	43	Resp	134841
Ion Ratio	Lower	Upper	
43	100		
61	17.6	14.4	21.6
87	11.8	9.5	14.3

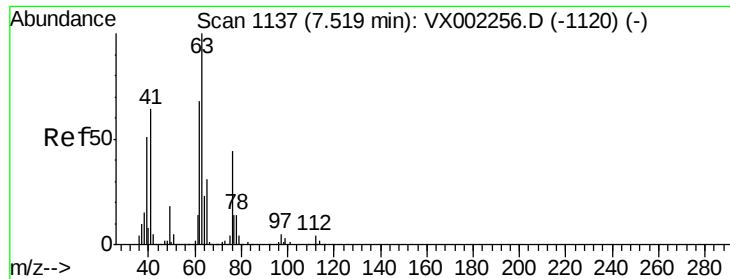


#44

Trichloroethene
 Concen: 18.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	130	Resp	54699
Ion Ratio	Lower	Upper	
130	100		
95	87.1	0.0	185.4

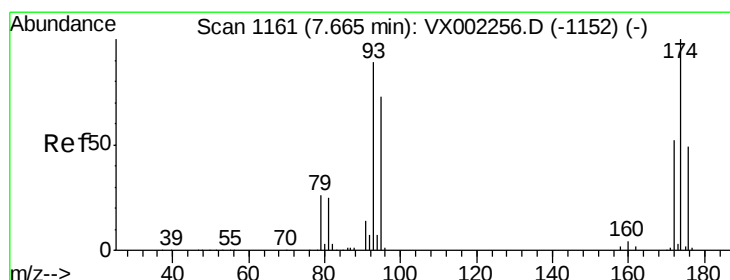
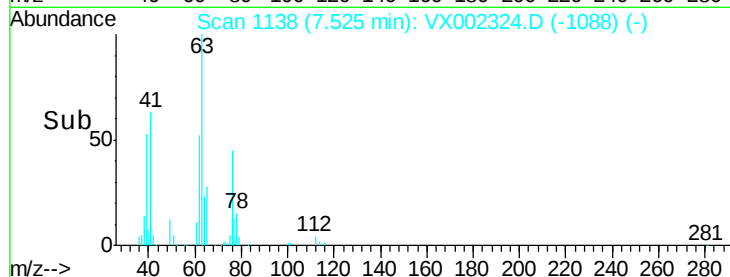
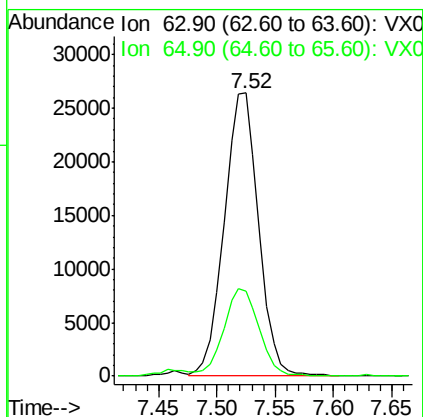
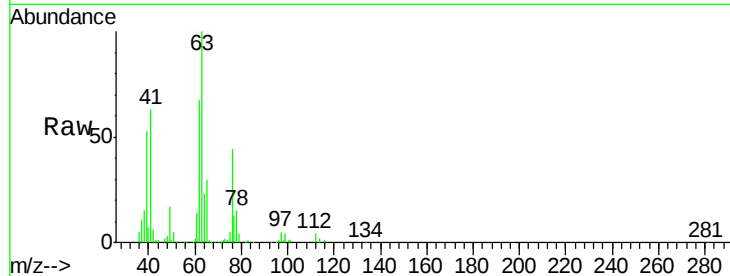




#45
 1,2-Dichloropropane
 Concen: 18.25 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

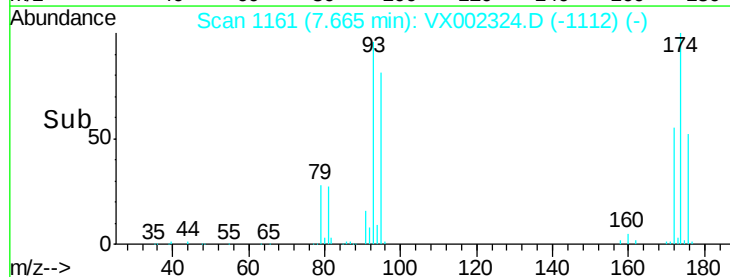
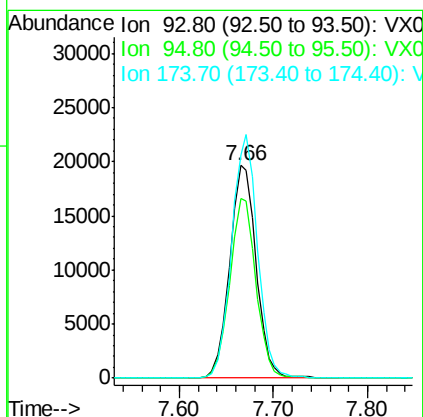
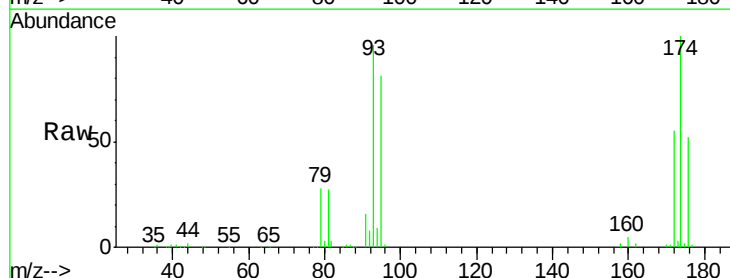
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 53374
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.36 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 93 Resp: 38384
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 111.8 92.4 138.6





#47

Bromodichloromethane

Concen: 17.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :

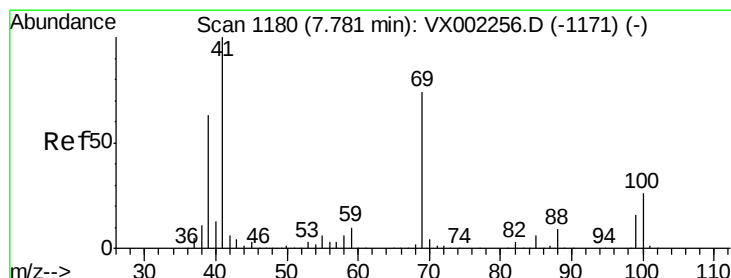
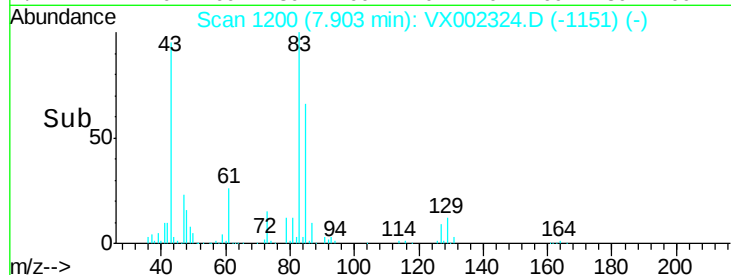
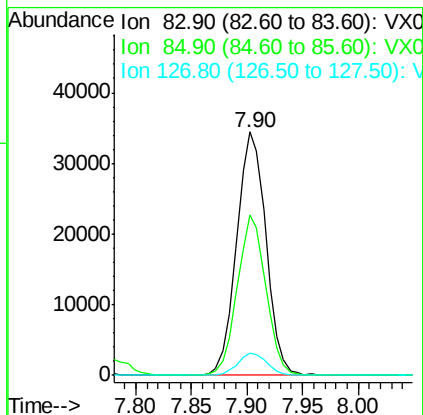
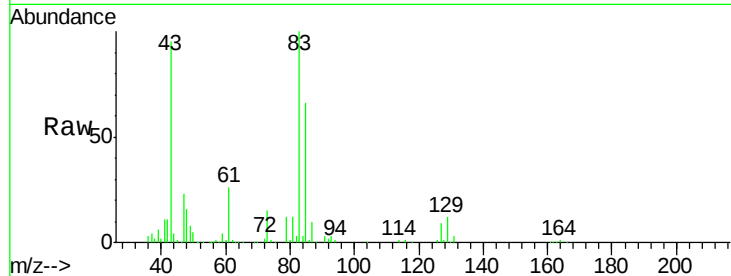
Tot Ion: 83 Resp: 62967

Ion Ratio Lower Upper

83 100

85 66.1 50.3 75.5

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 18.68 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

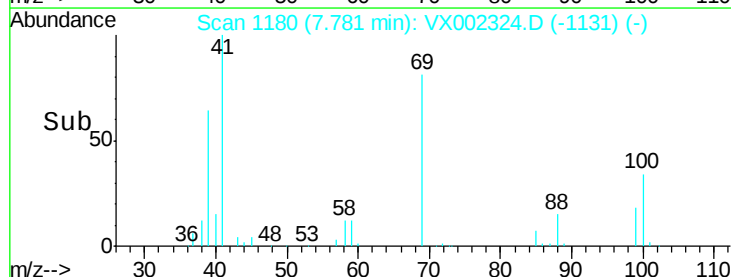
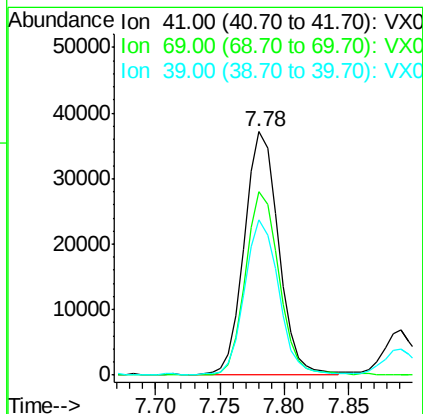
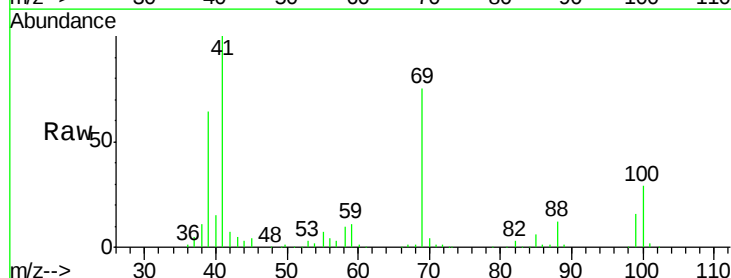
Tgt Ion: 41 Resp: 67724

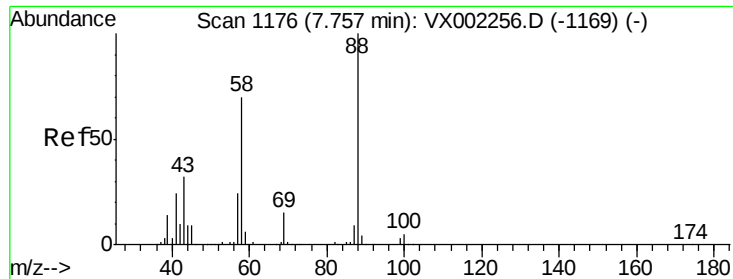
Ion Ratio Lower Upper

41 100

69 75.1 59.1 88.7

39 63.1 48.9 73.3

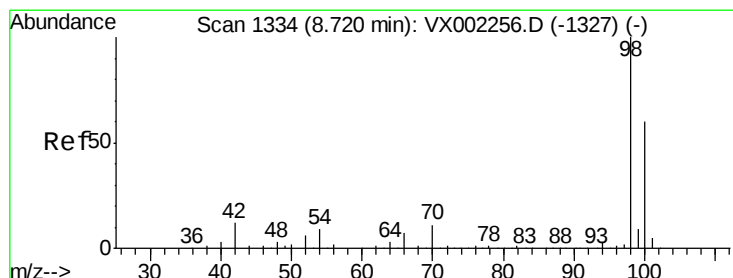
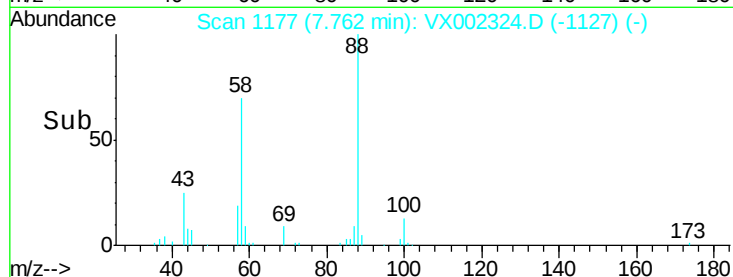
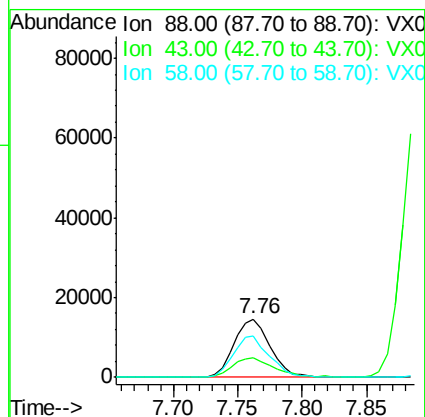
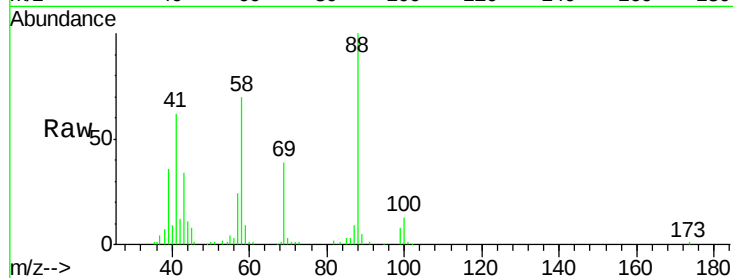




#49
1,4-Dioxane
Concen: 418.91 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

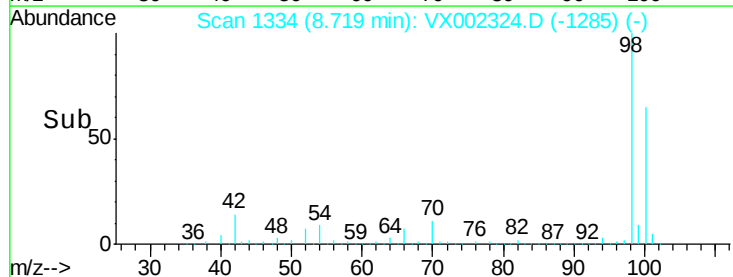
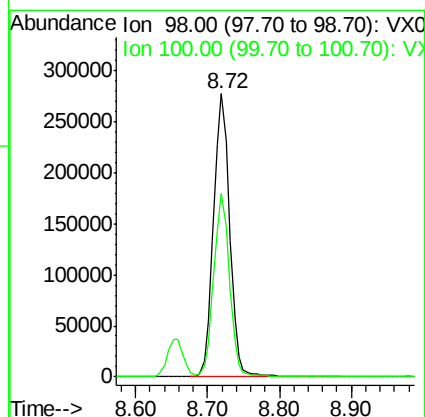
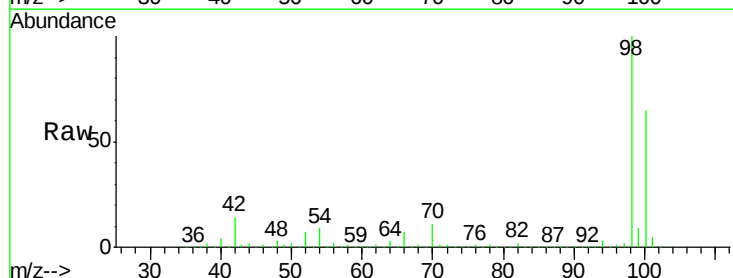
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28393
Ion Ratio Lower Upper
88 100
43 37.0 29.8 44.6
58 71.5 57.1 85.7



#50
Toluene-d8
Concen: 42.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 98 Resp: 430520
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 98.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

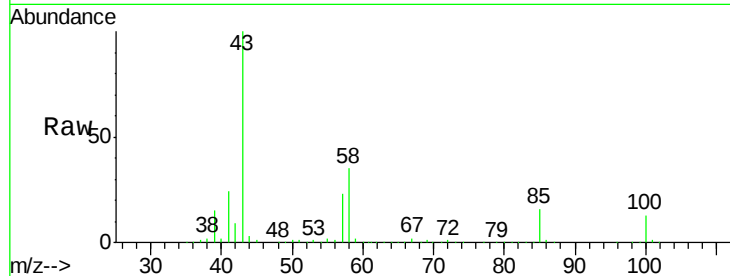
ClientSampleId :

Tot Ion: 43 Resp: 444151

Ion Ratio Lower Upper

43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

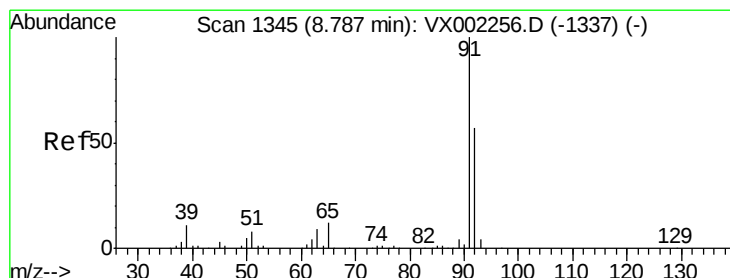
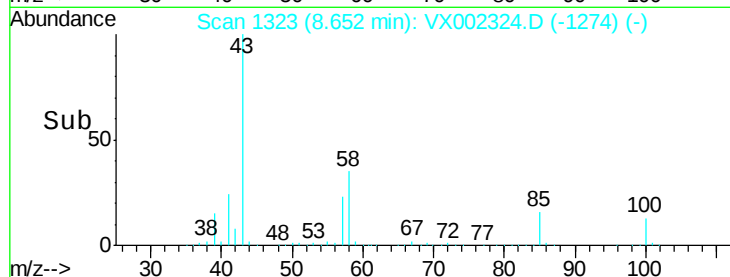
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002324.D

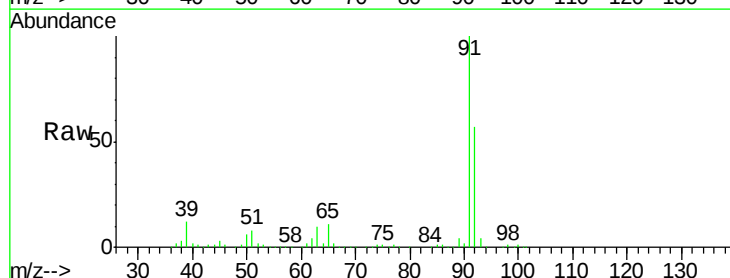
Acq: 06 Jun 2018 00:24

Tgt Ion: 92 Resp: 129530

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

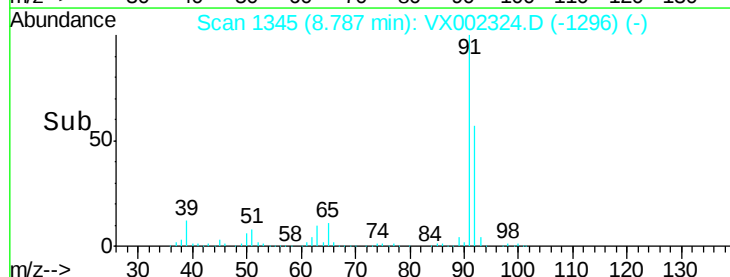
150000

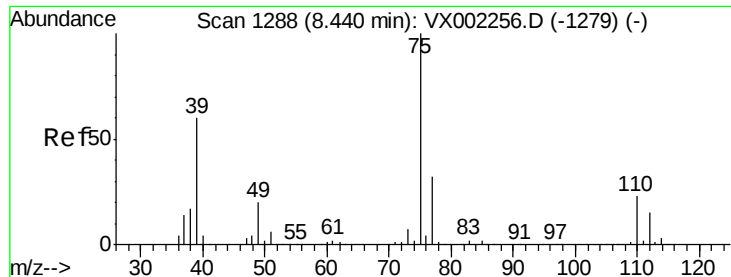
100000

50000

0

Time-->

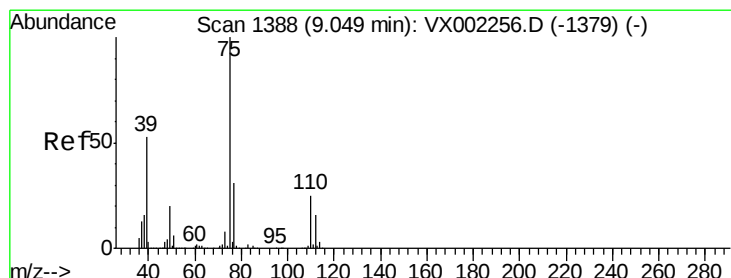
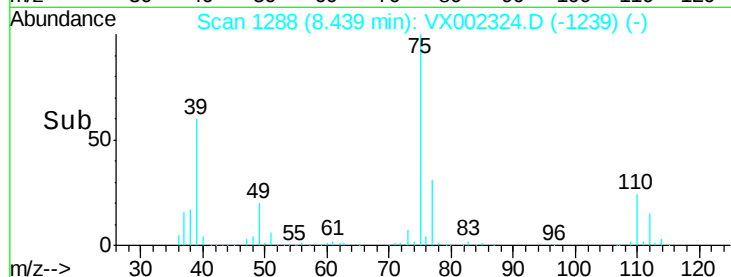
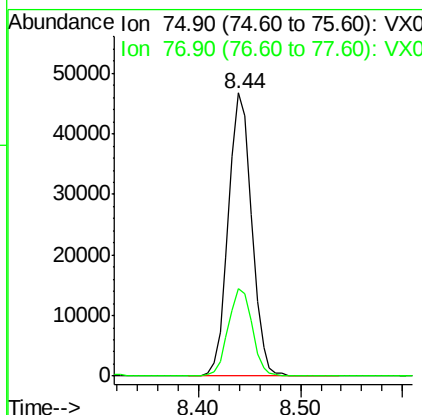
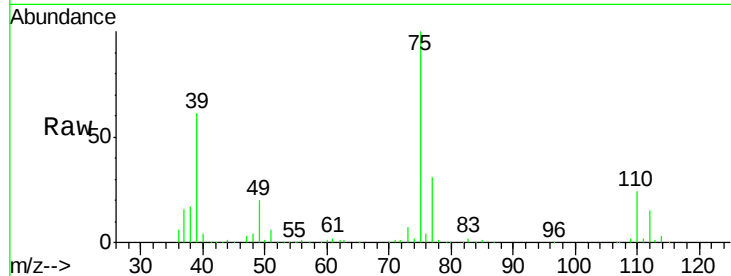




#53
t-1,3-Dichloropropene
Concen: 17.18 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

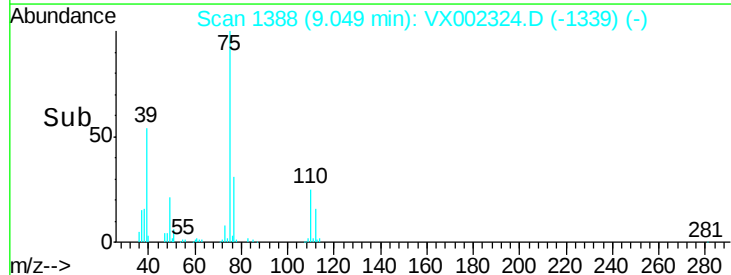
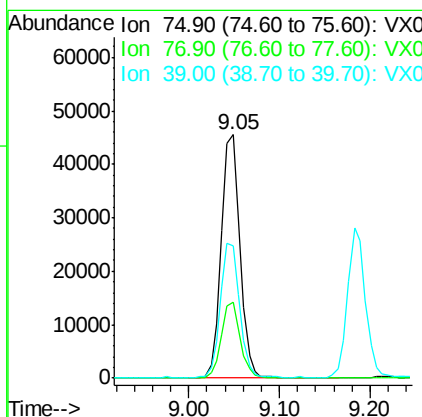
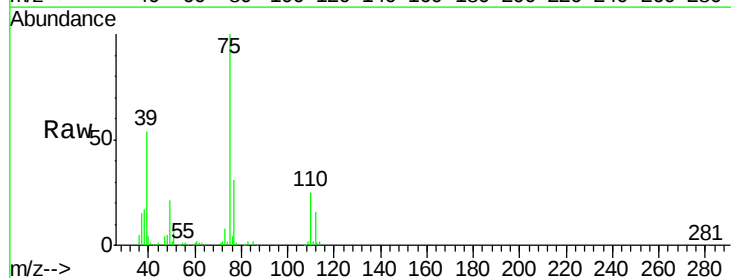
Instrument :
MSVOA_X
ClientSampled :

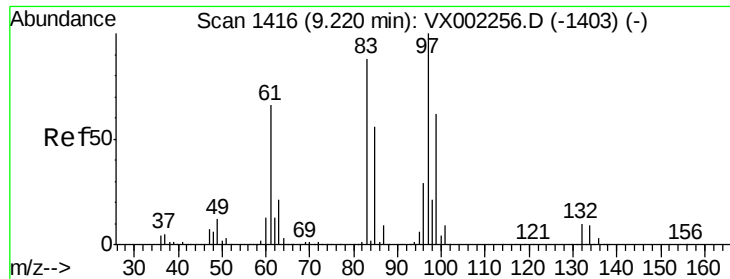
Tot Ion: 75 Resp: 73862
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 16.28 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 75 Resp: 66049
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 53.8 42.4 63.6



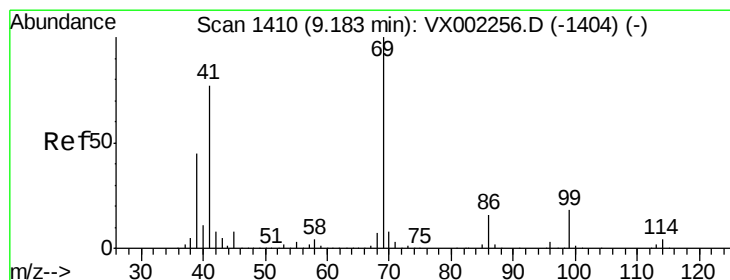
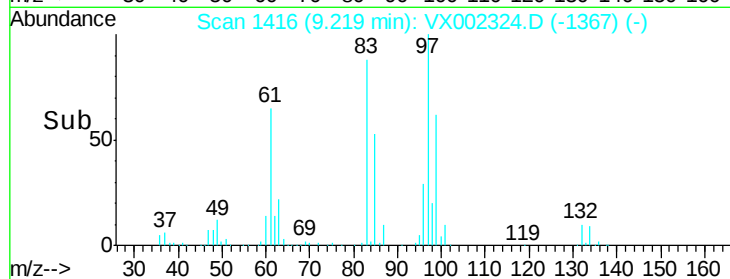
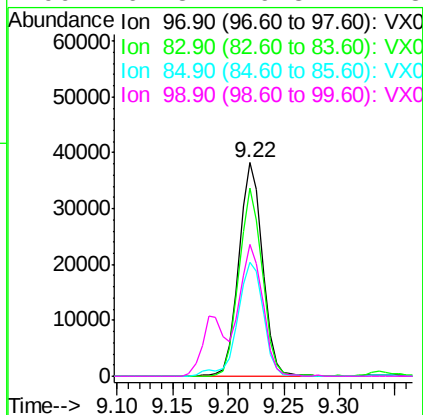
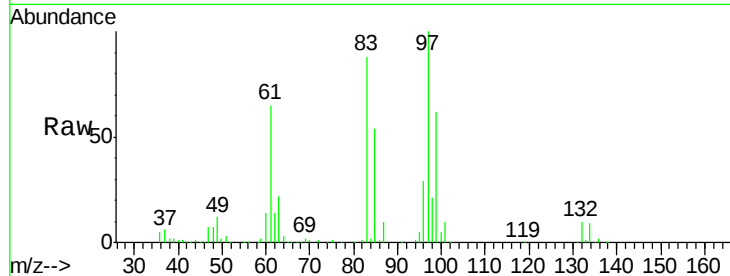


#55
 1,1,2-Trichloroethane
 Concen: 19.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 56460

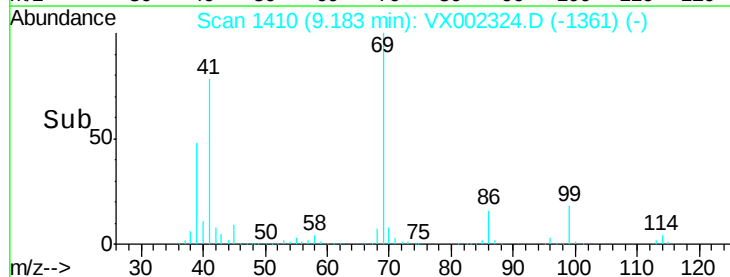
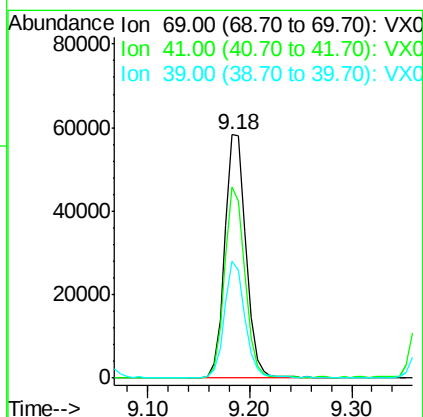
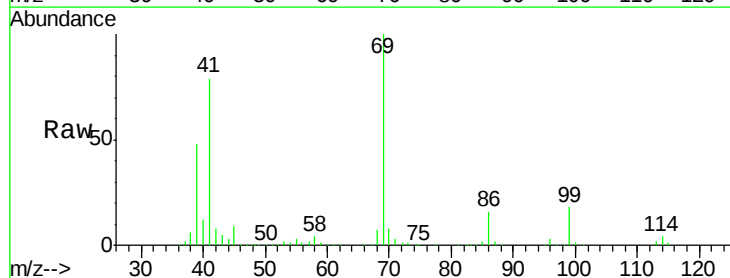
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	53.4	44.9	67.3
99	61.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.54 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion: 69 Resp: 83879

Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	45.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

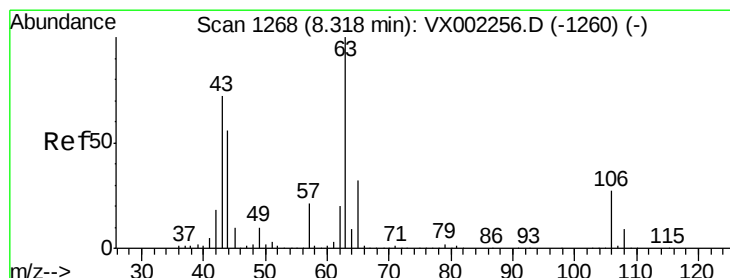
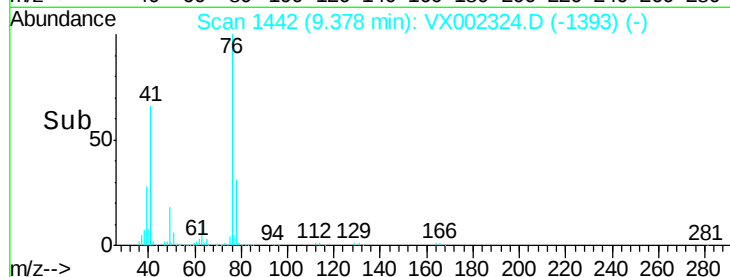
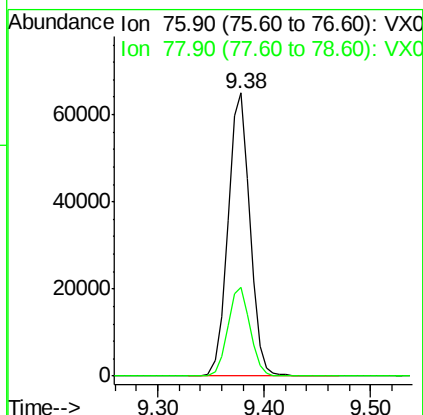
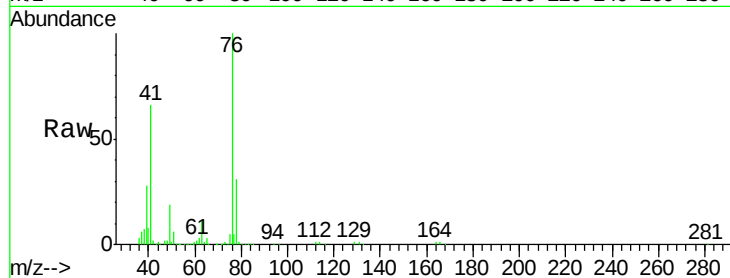
ClientSampleId :

Tot Ion: 76 Resp: 93938

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.07 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002324.D

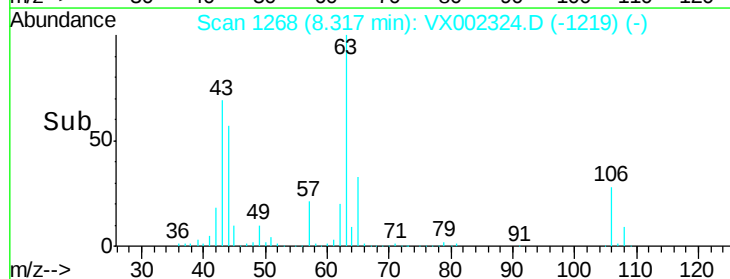
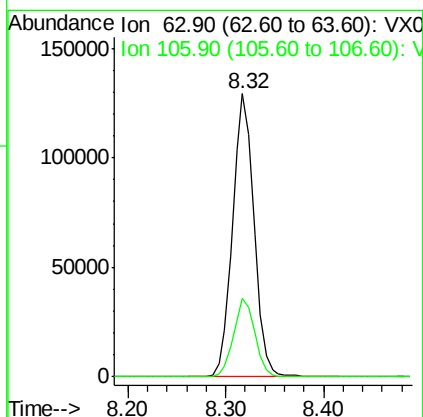
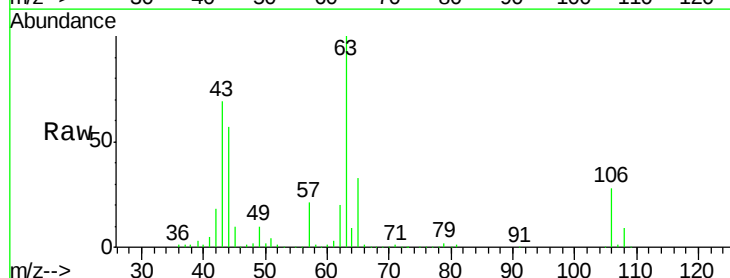
Acq: 06 Jun 2018 00:24

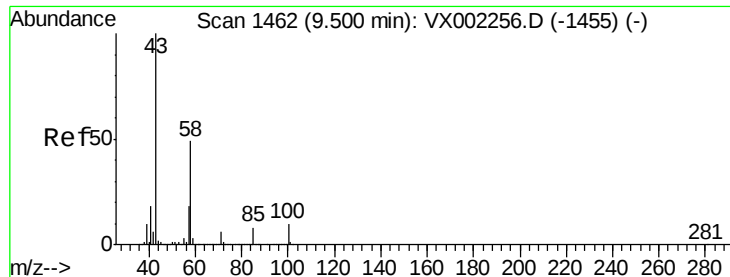
Tgt Ion: 63 Resp: 196983

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

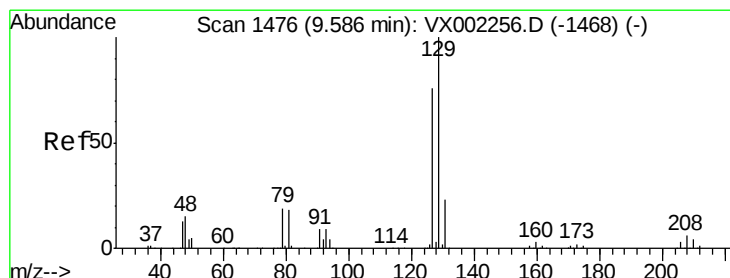
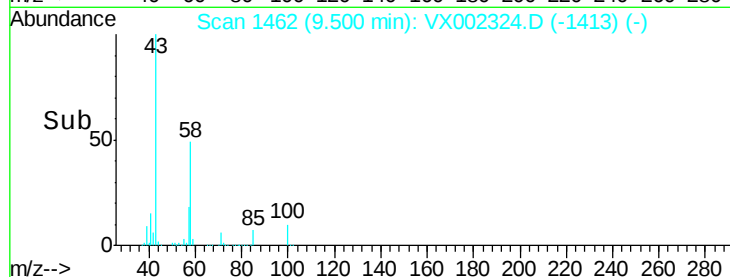
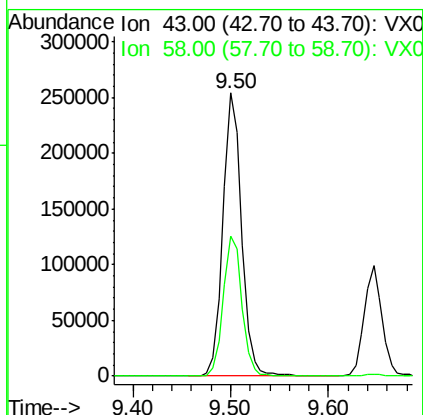
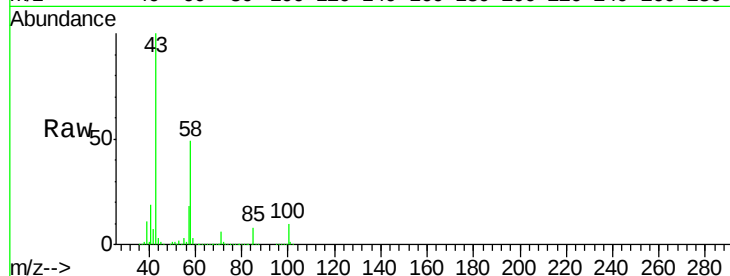




#59
2-Hexanone
Concen: 96.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

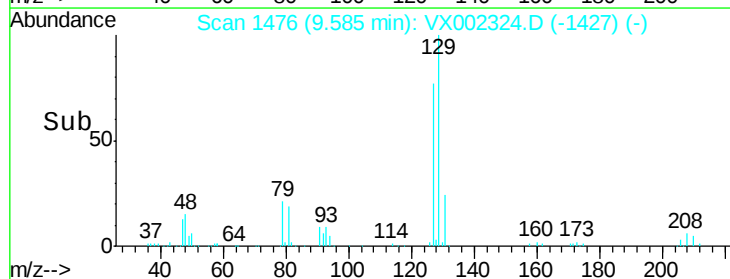
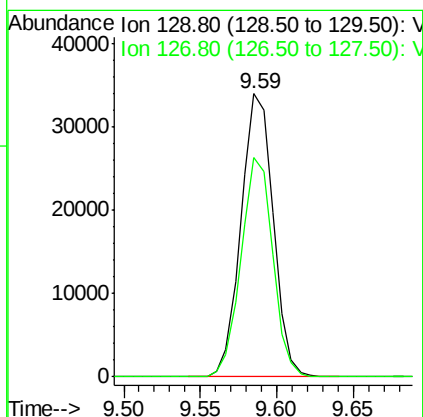
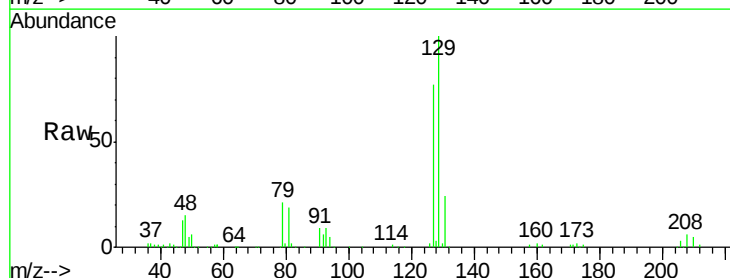
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 336307
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.6



#60
Dibromochloromethane
Concen: 17.43 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 129 Resp: 49685
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

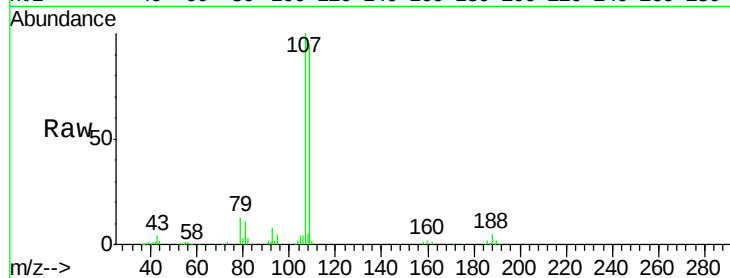
ClientSampleId :

Tot Ion:107 Resp: 57399

Ion Ratio Lower Upper

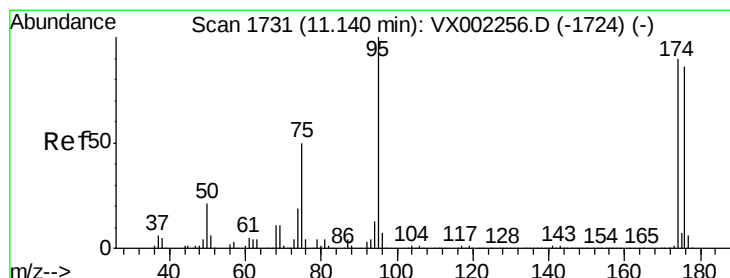
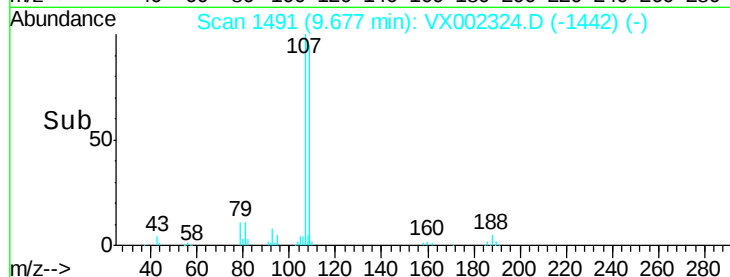
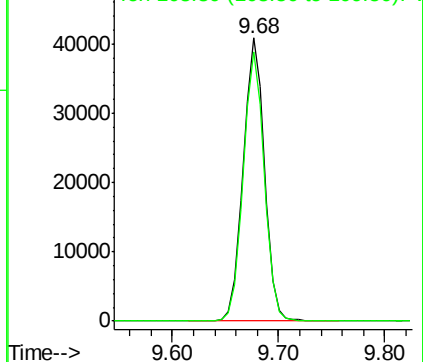
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

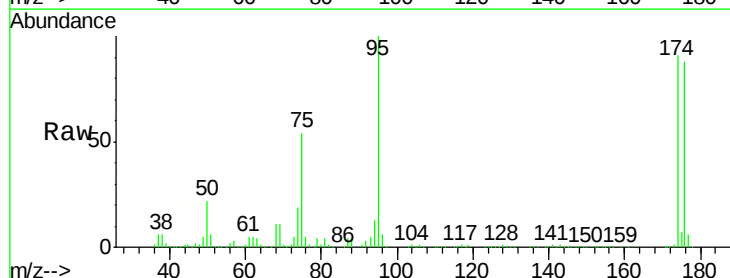
Tgt Ion: 95 Resp: 161726

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

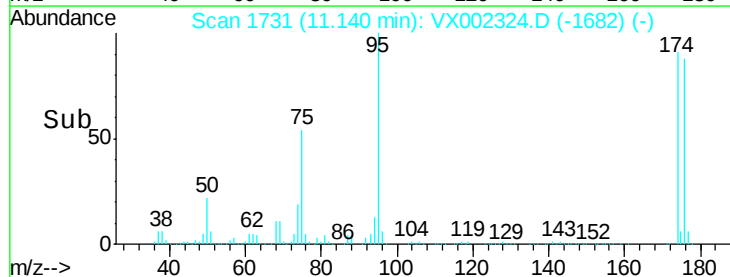
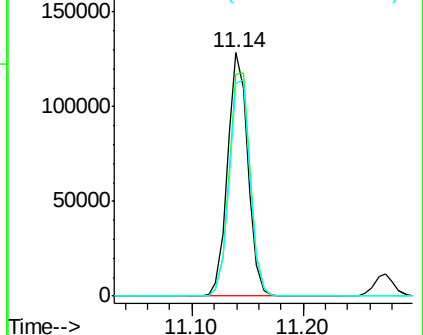
176 92.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

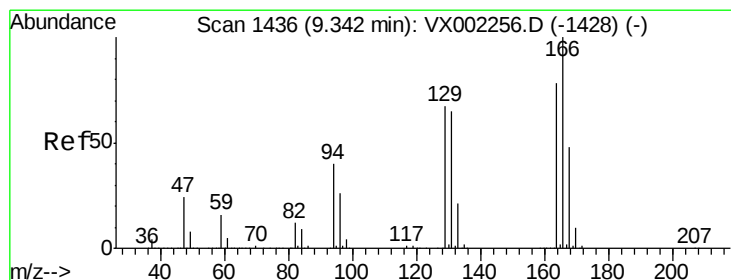
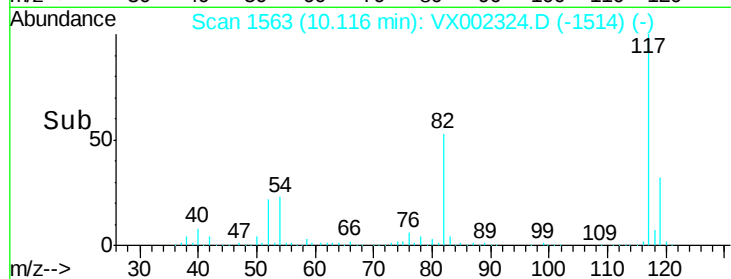
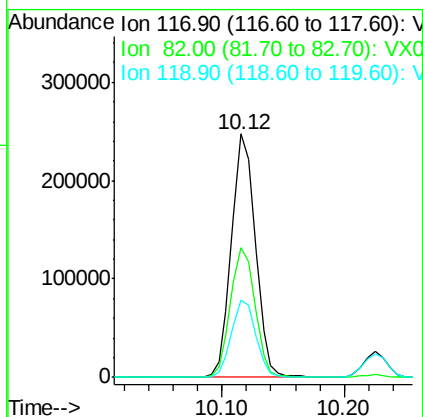
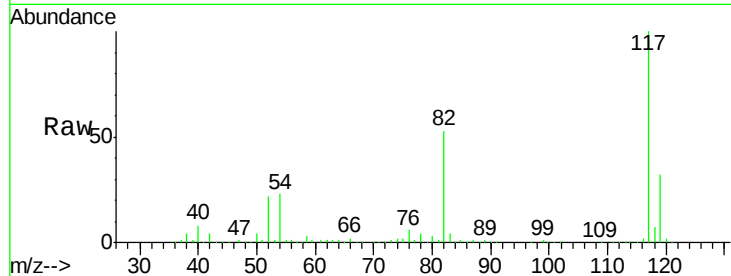




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

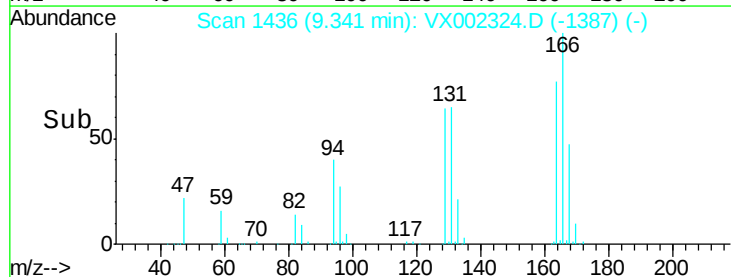
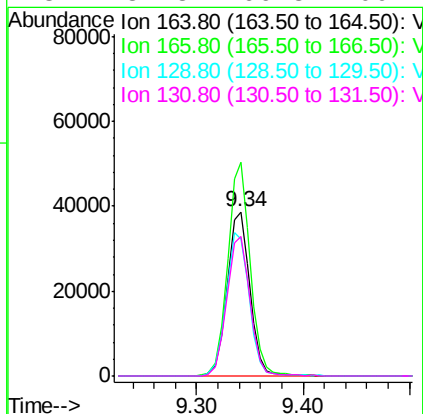
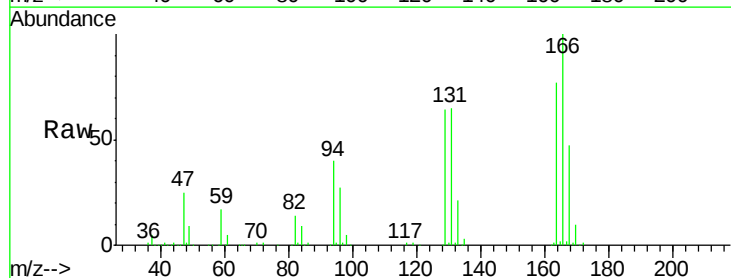
Instrument :
MSVOA_X
ClientSampleId :

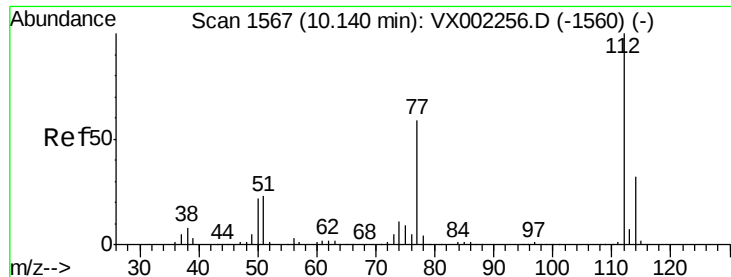
Tot Ion:117 Resp: 335069
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 16.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:164 Resp: 58034
Ion Ratio Lower Upper
164 100
166 130.1 102.9 154.3
129 83.5 68.6 102.8
131 84.8 66.8 100.2





#65

Chlorobenzene

Concen: 18.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

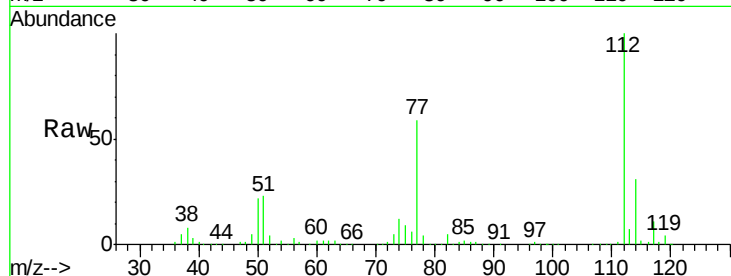
ClientSampleId :

Tot Ion:112 Resp: 150558

Ion Ratio Lower Upper

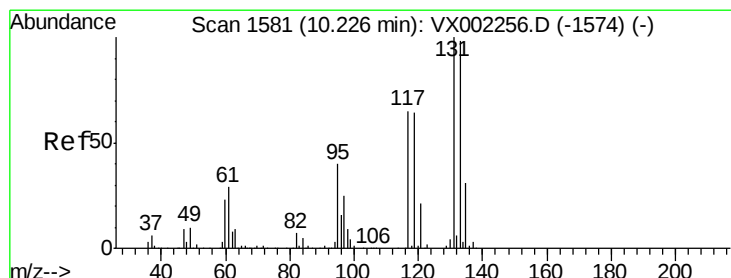
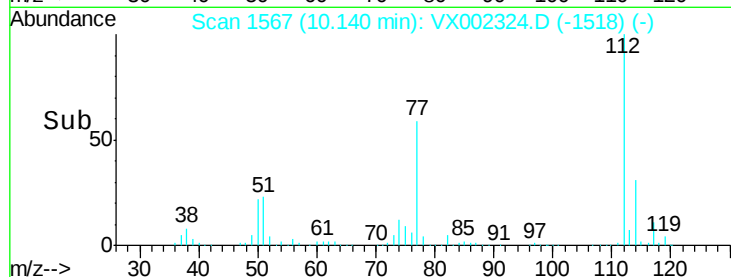
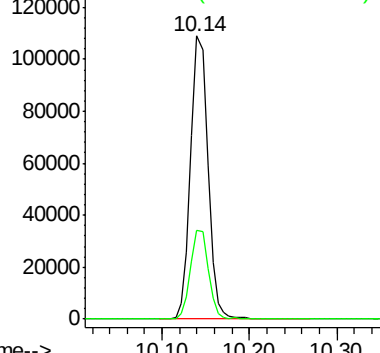
112 100

114 31.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.26 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

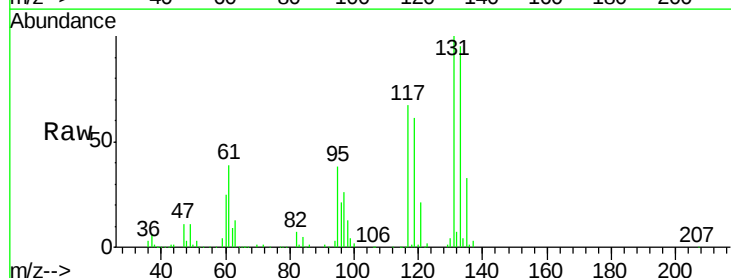
Tgt Ion:131 Resp: 52107

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

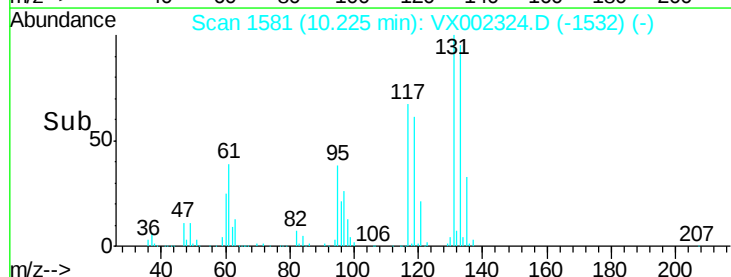
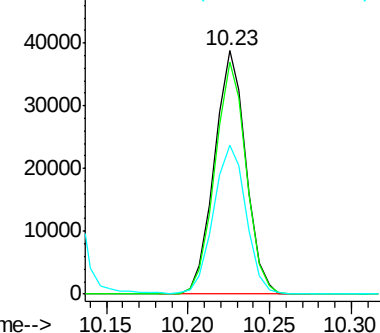
119 63.6 31.8 95.3

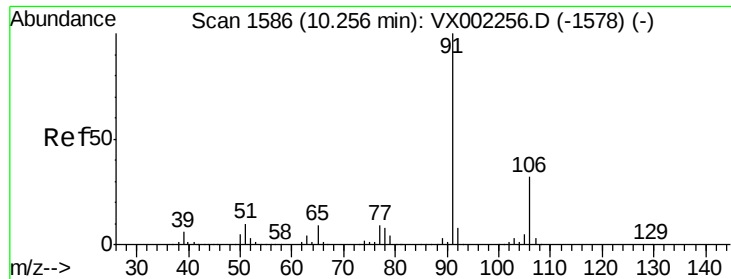


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.55 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

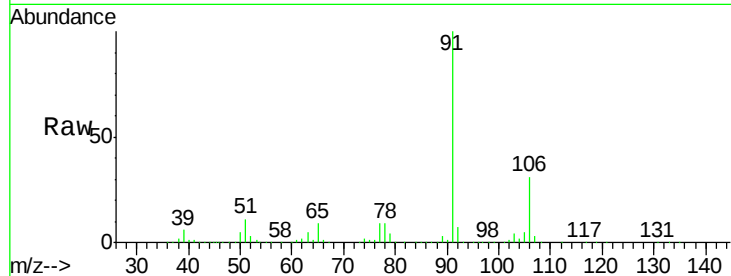
ClientSampleId :

Tot Ion: 91 Resp: 244855

Ion Ratio Lower Upper

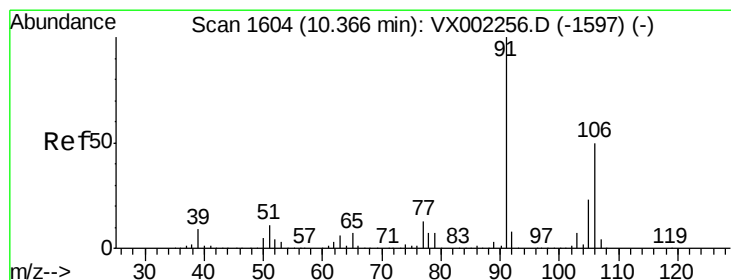
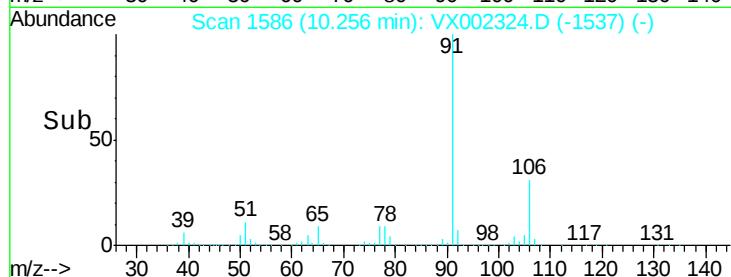
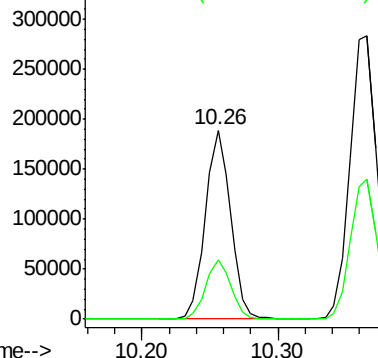
91 100

106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 34.99 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002324.D

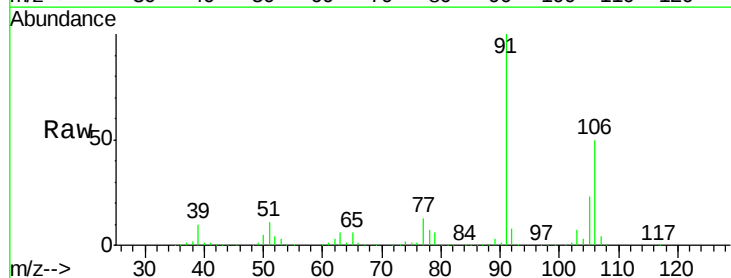
Acq: 06 Jun 2018 00:24

Tgt Ion: 106 Resp: 189771

Ion Ratio Lower Upper

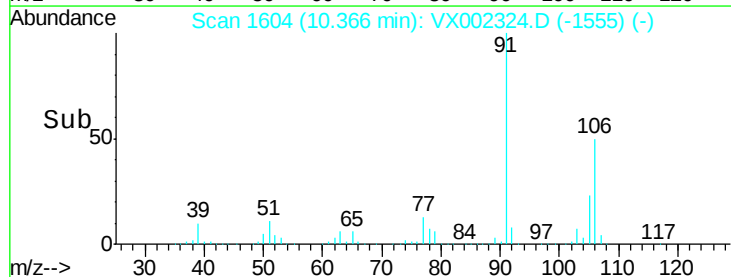
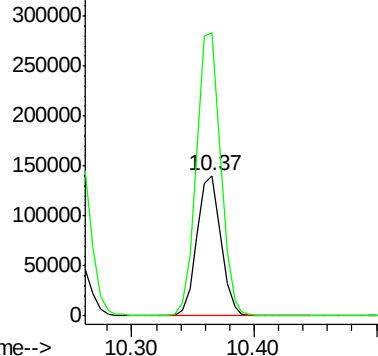
106 100

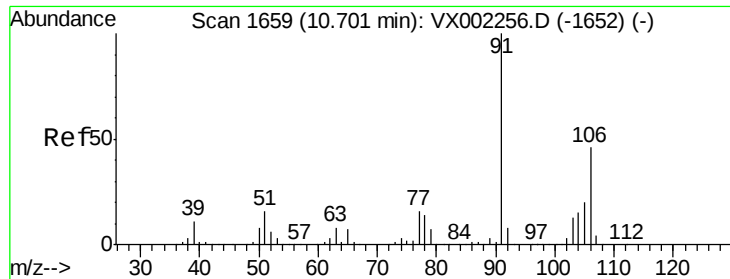
91 204.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

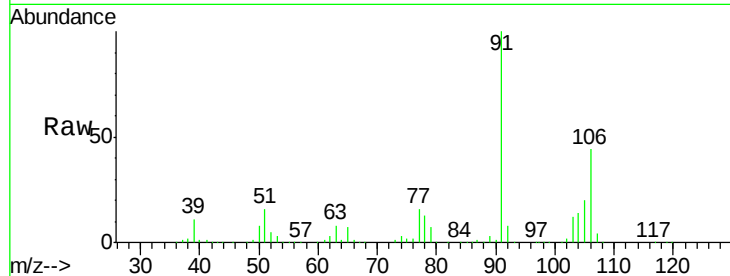




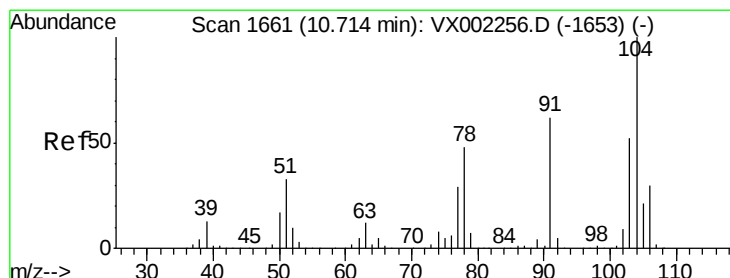
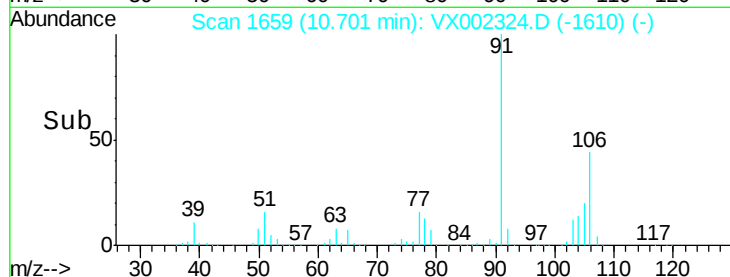
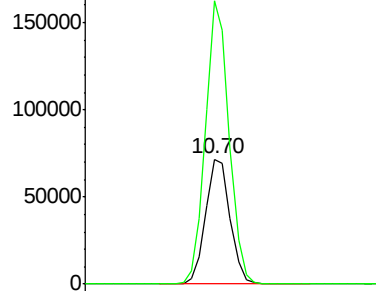
#69
o-Xylene
Concen: 17.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 95471
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6

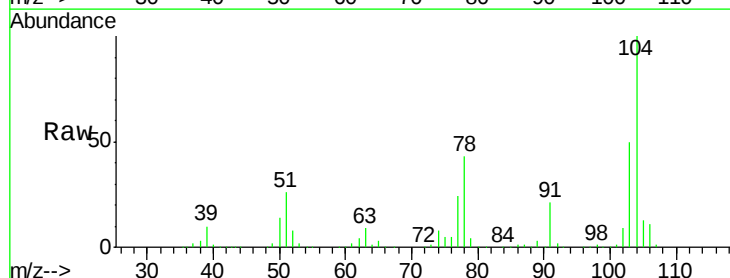


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

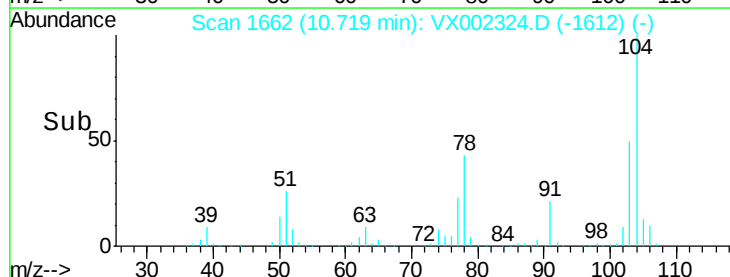
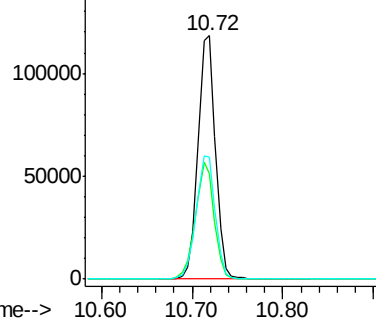


#70
Styrene
Concen: 17.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:104 Resp: 158386
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4



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: 16.20 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

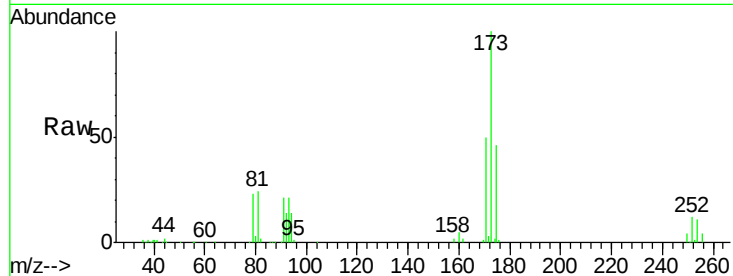
Tot Ion:173 Resp: 37020

Ion Ratio Lower Upper

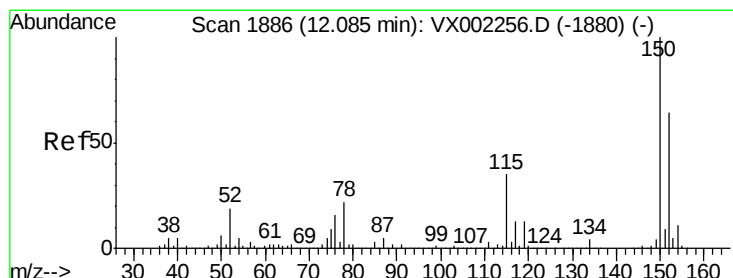
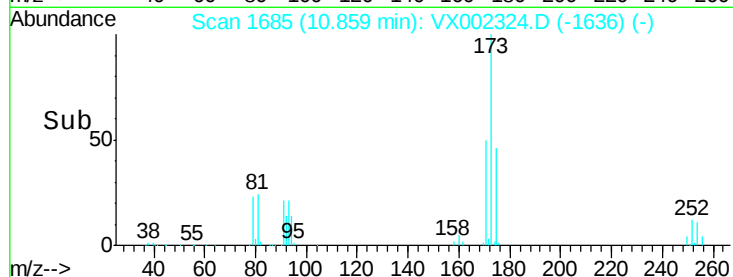
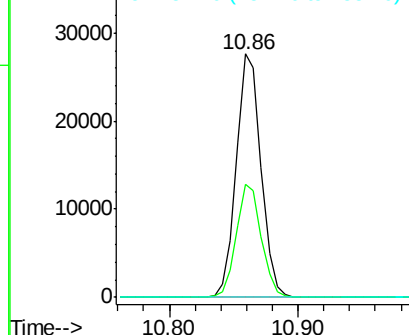
173 100

175 46.9 24.7 74.1

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. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

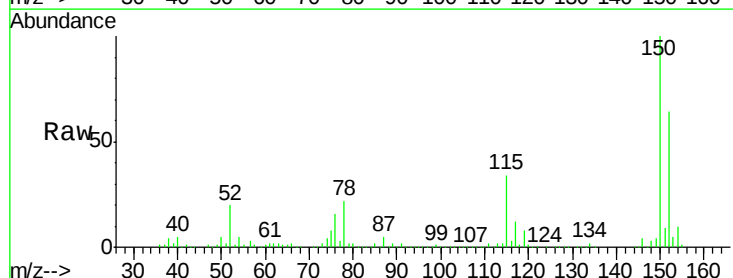
Tgt Ion:152 Resp: 199679

Ion Ratio Lower Upper

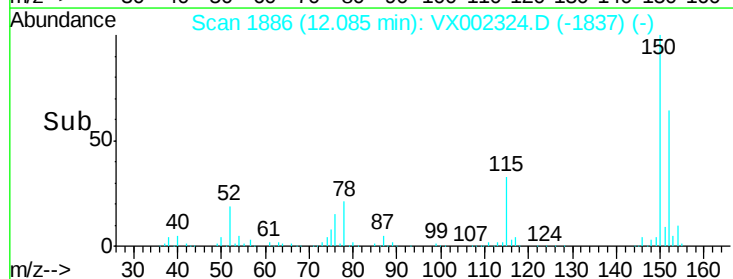
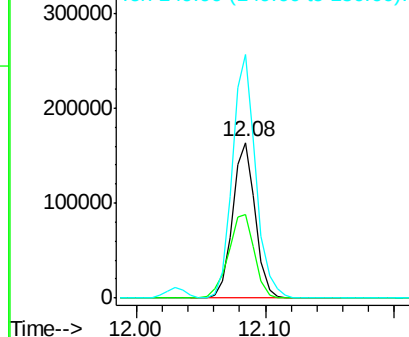
152 100

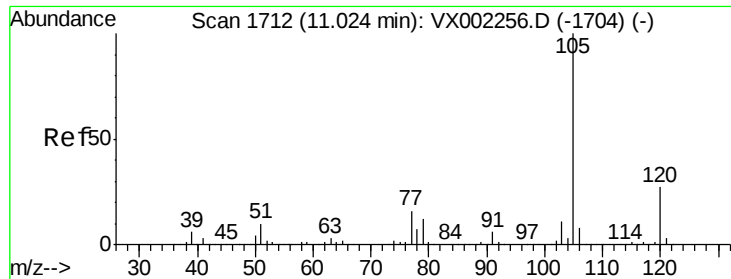
115 62.8 40.1 120.2

150 162.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 17.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

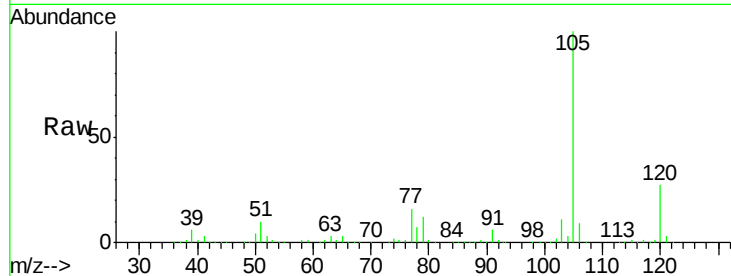
ClientSampleId :

Tot Ion:105 Resp: 244314

Ion Ratio Lower Upper

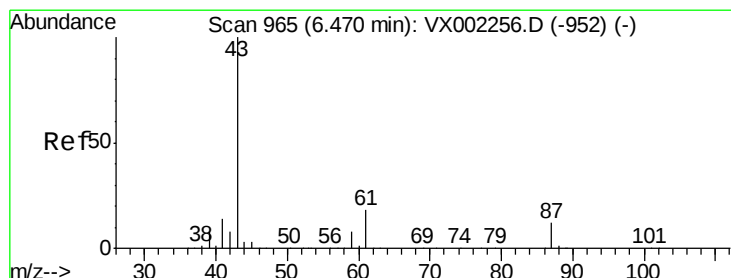
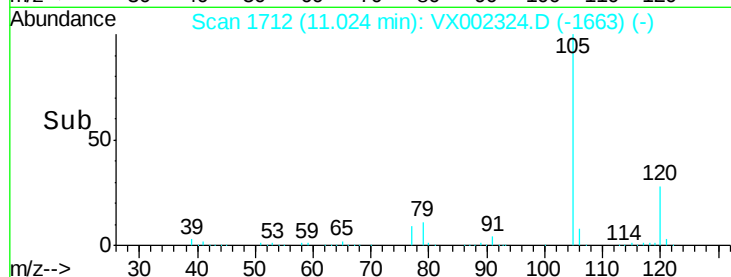
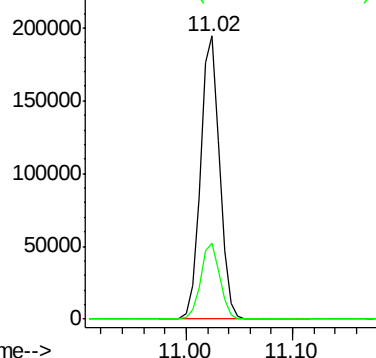
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 134841

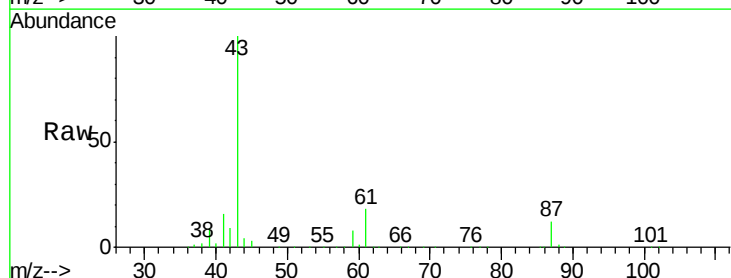
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 17.6 14.4 21.6

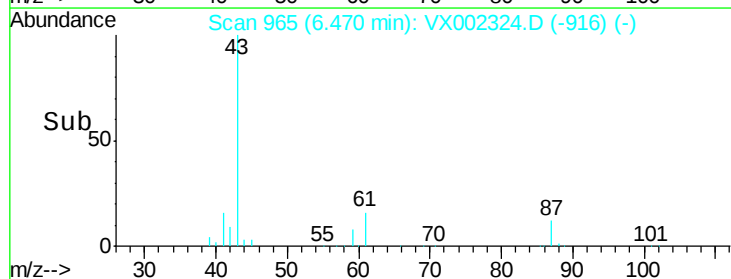
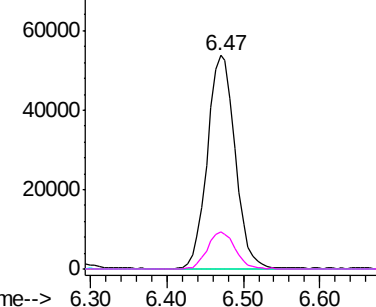


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.63 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

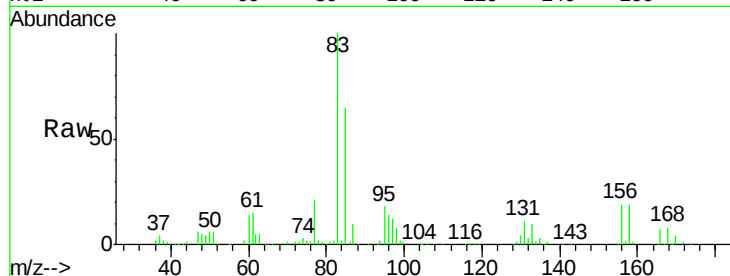
Tot Ion: 83 Resp: 81410

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

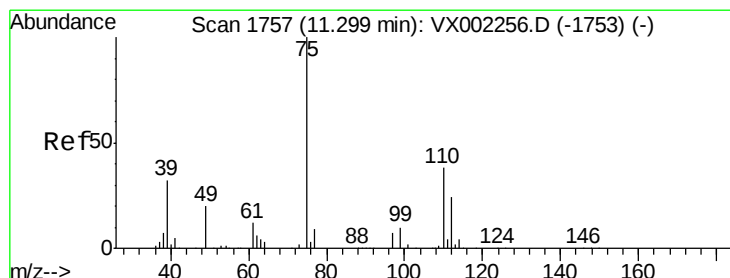
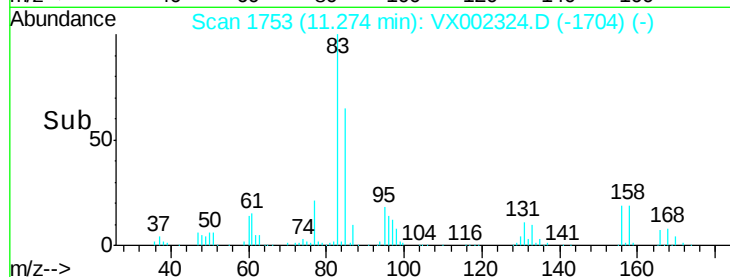
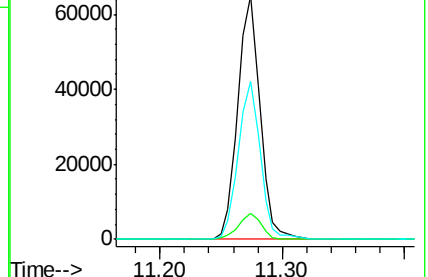
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.30 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002324.D

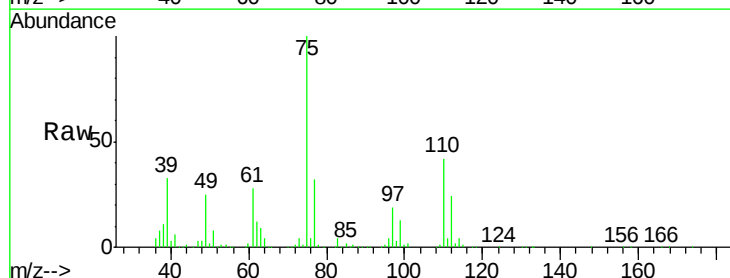
Acq: 06 Jun 2018 00:24

Tgt Ion: 75 Resp: 88934

Ion Ratio Lower Upper

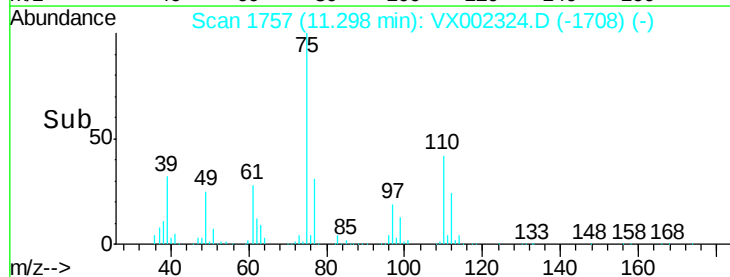
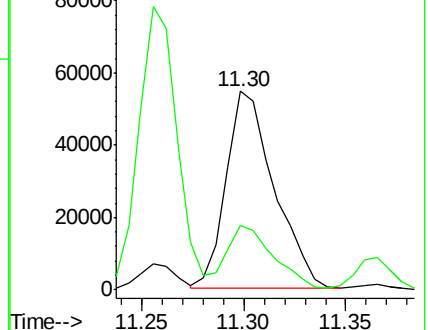
75 100

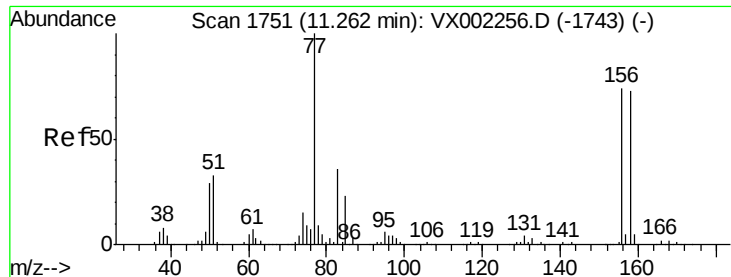
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

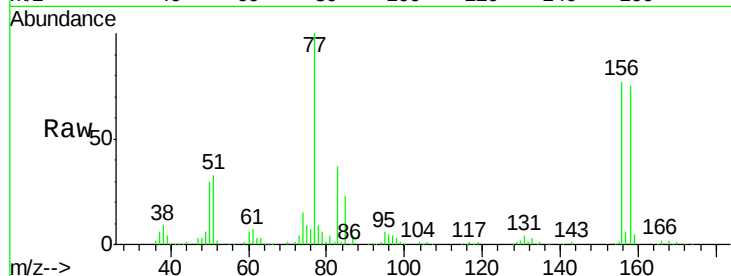
Tot Ion:156 Resp: 71896

Ion Ratio Lower Upper

156 100

77 141.4 71.4 214.2

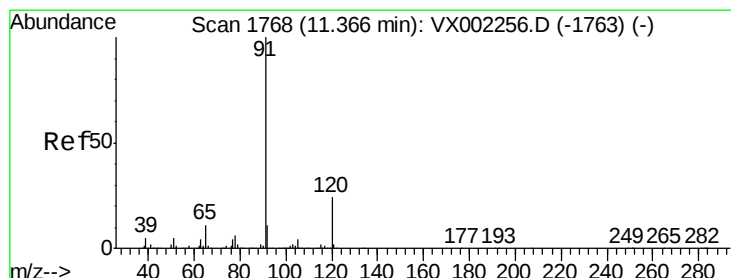
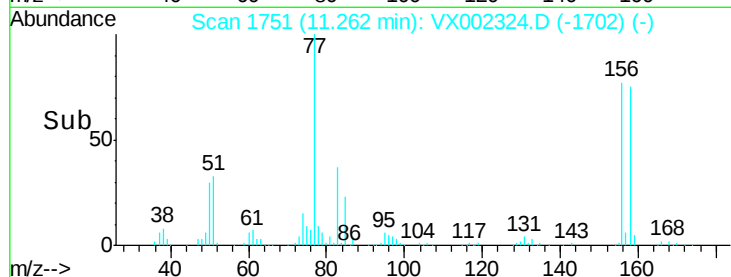
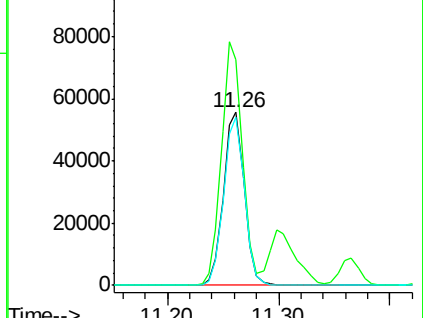
158 97.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.45 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002324.D

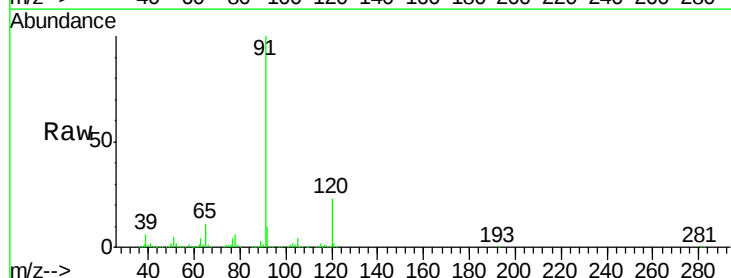
Acq: 06 Jun 2018 00:24

Tgt Ion: 91 Resp: 269455

Ion Ratio Lower Upper

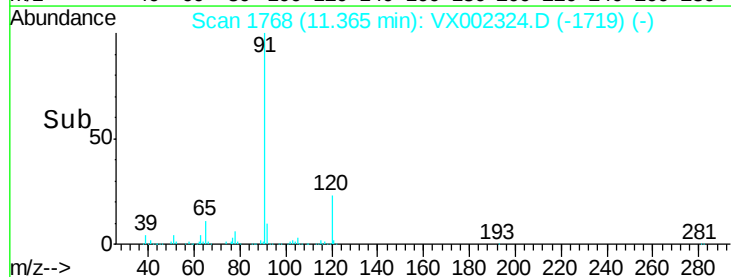
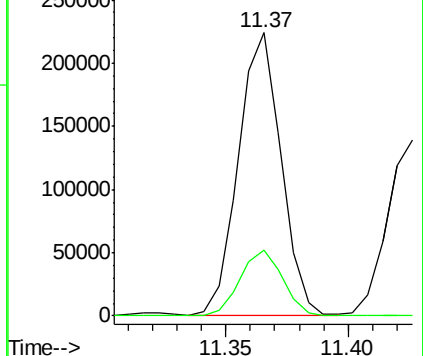
91 100

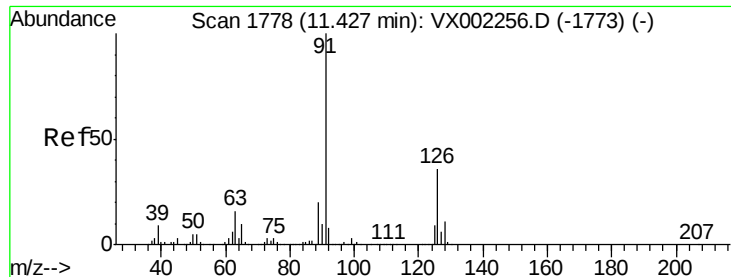
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

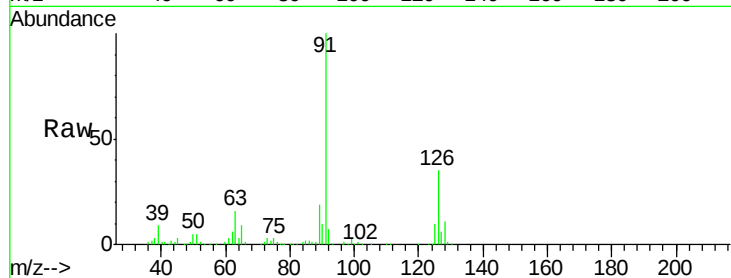
ClientSampled :

Tot Ion: 91 Resp: 172718

Ion Ratio Lower Upper

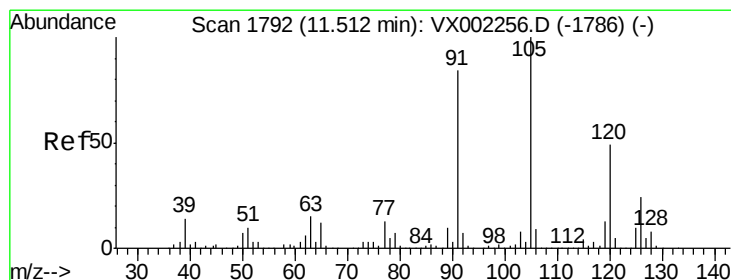
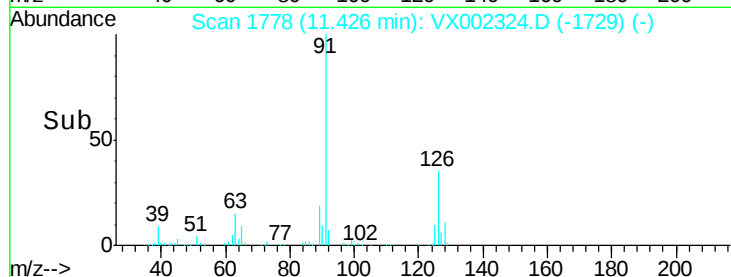
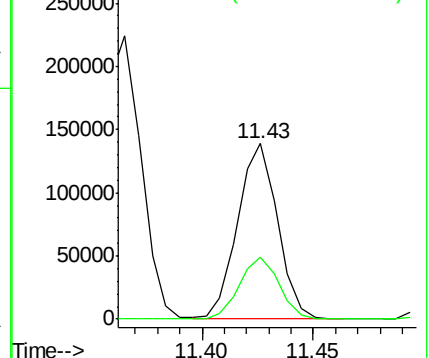
91 100

126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

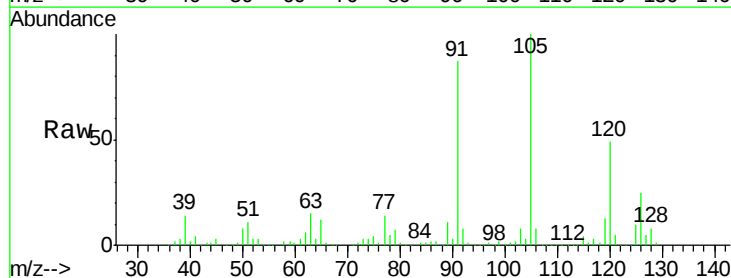
Acq: 06 Jun 2018 00:24

Tgt Ion:105 Resp: 209230

Ion Ratio Lower Upper

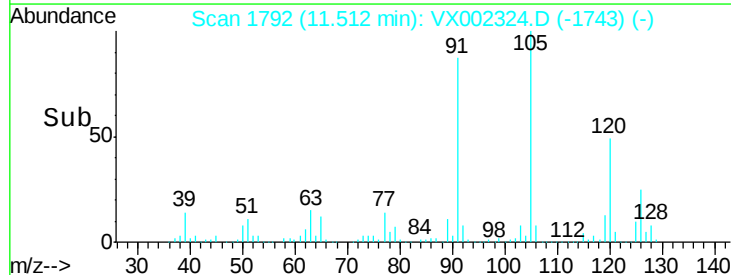
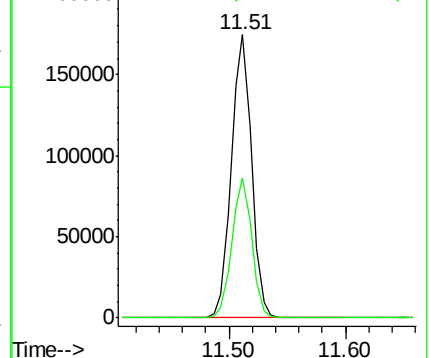
105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 13.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

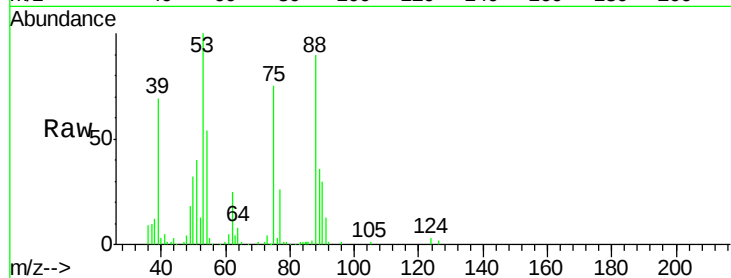
Tot Ion: 75 Resp: 16706

Ion Ratio Lower Upper

75 100

53 131.5 86.8 130.2#

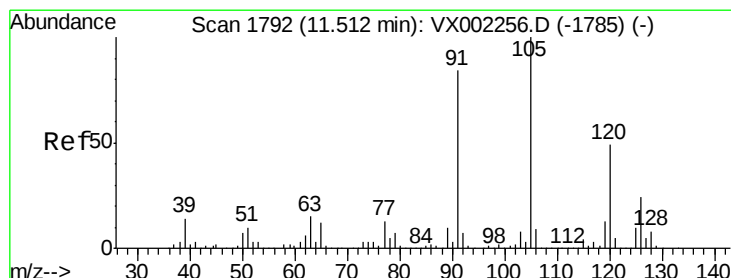
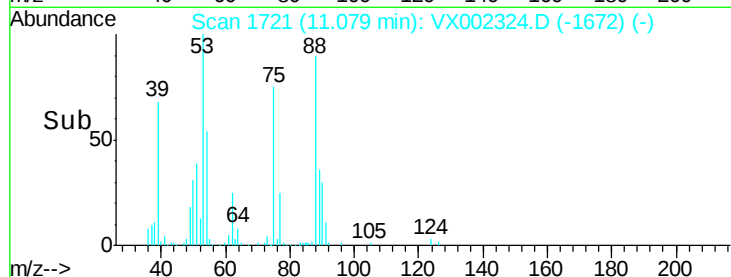
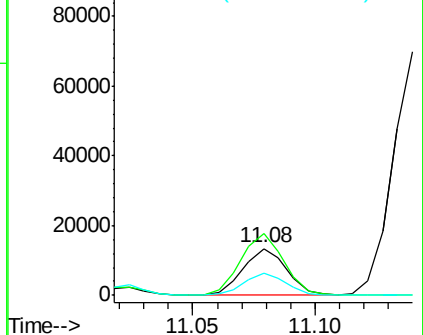
89 46.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.80 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

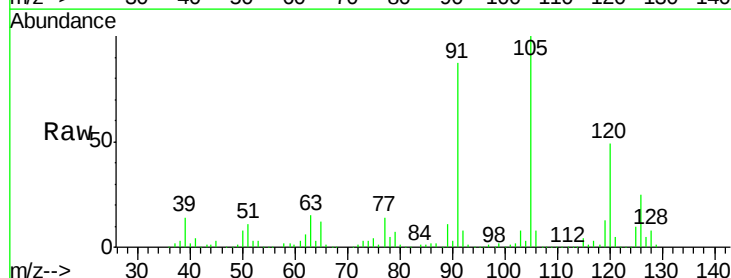
Acq: 06 Jun 2018 00:24

Tgt Ion: 91 Resp: 200349

Ion Ratio Lower Upper

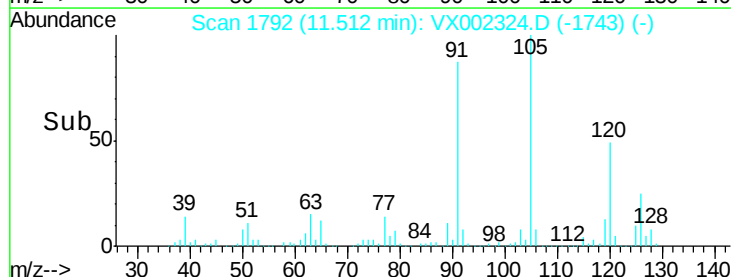
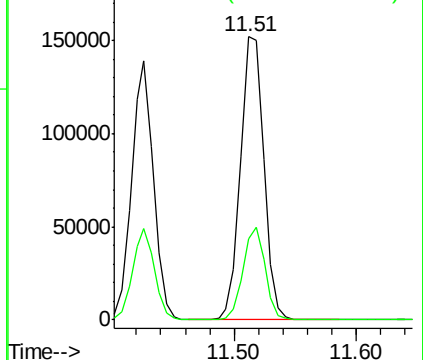
91 100

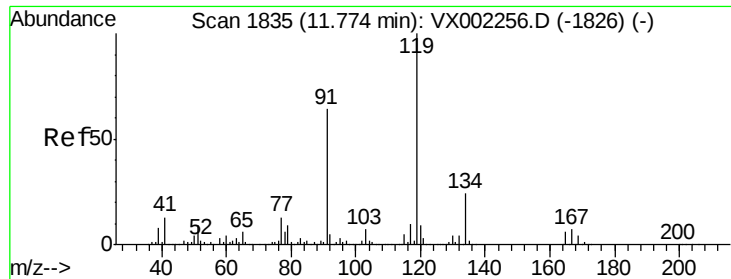
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

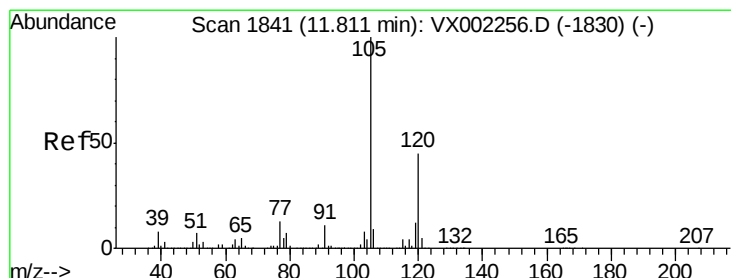
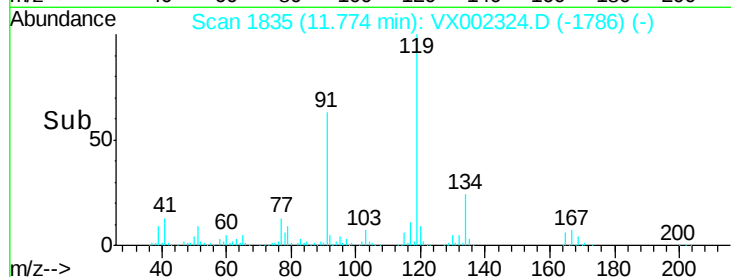
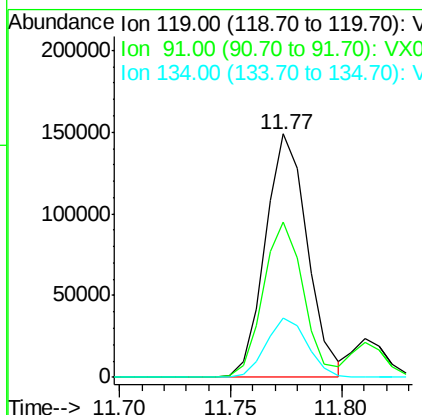
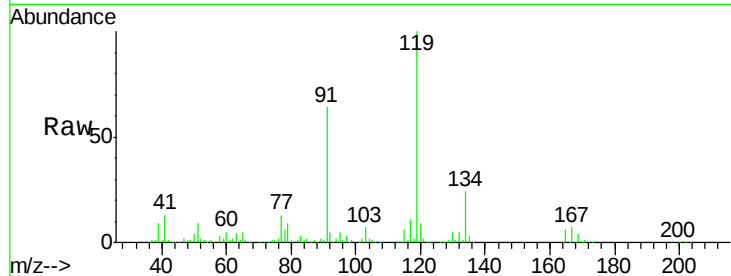




#83
 tert-Butylbenzene
 Concen: 16.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

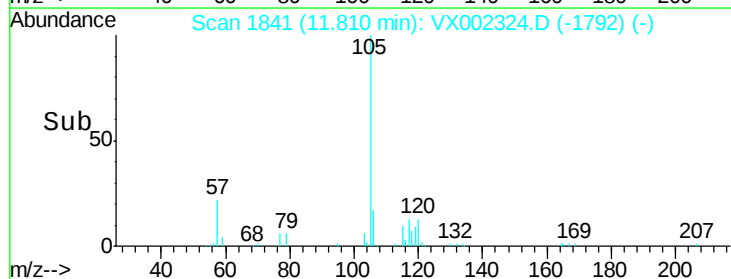
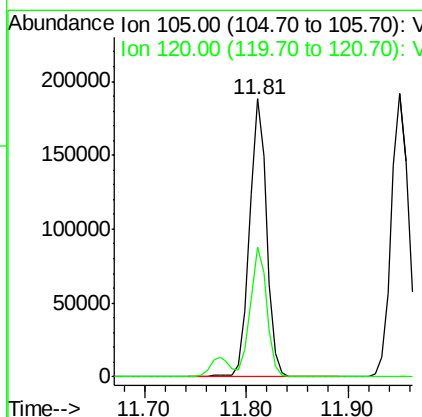
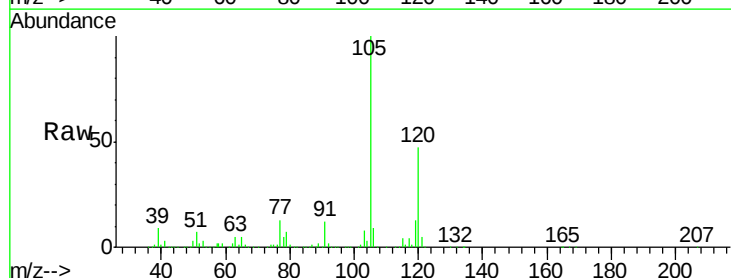
Instrument :
 MSVOA_X
 ClientSampleId :

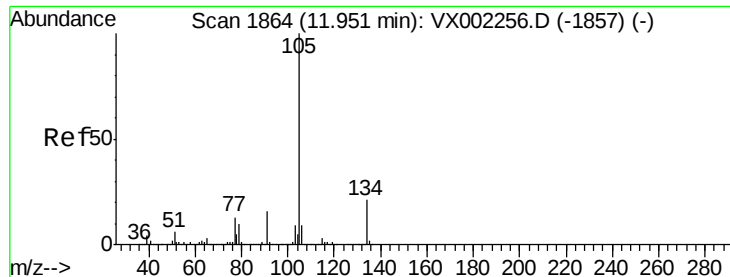
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.3	90.9
134	24.1	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.97 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.8





#85

sec-Butylbenzene

Concen: 16.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

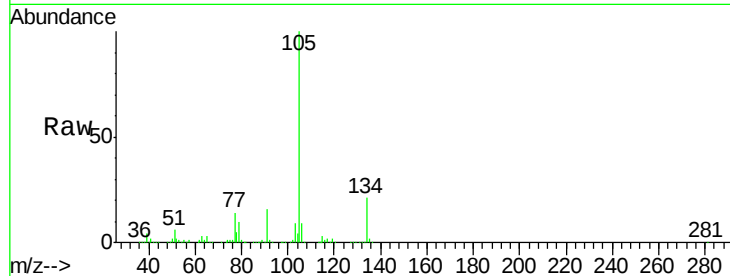
ClientSampleId :

Tot Ion:105 Resp: 229651

Ion Ratio Lower Upper

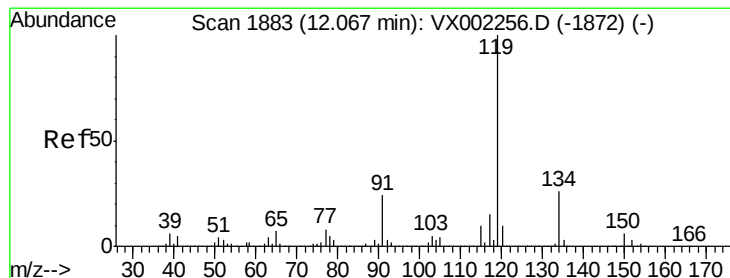
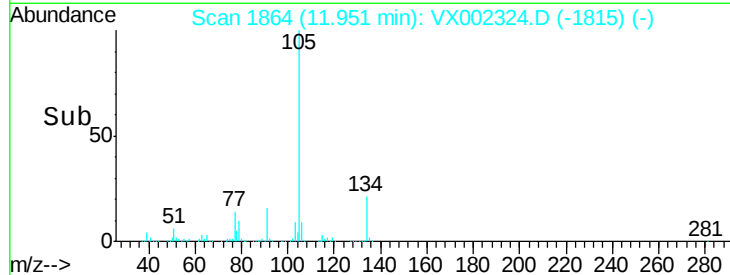
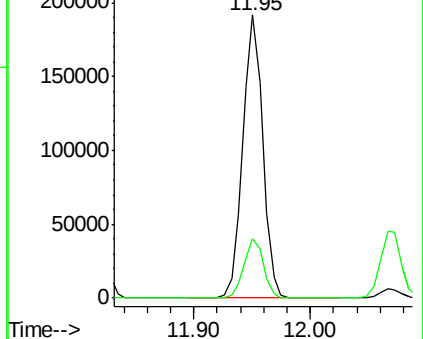
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

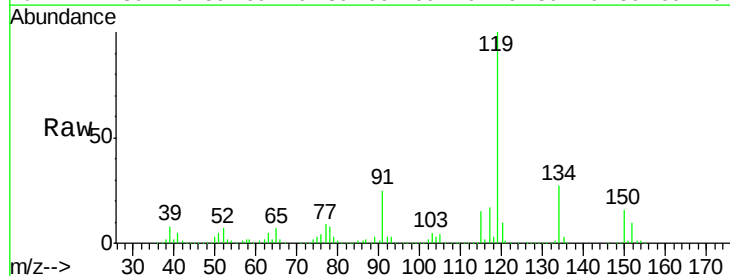
Tgt Ion:119 Resp: 208323

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

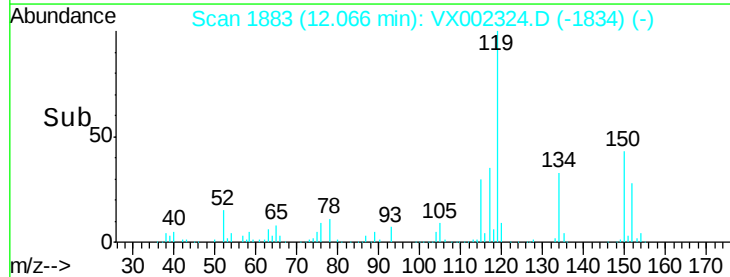
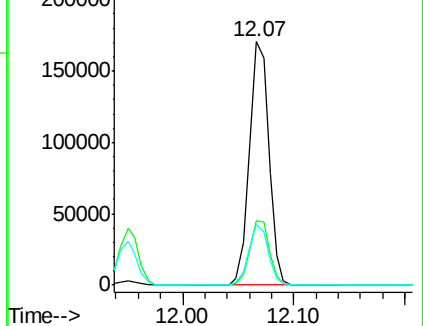
91 24.7 11.9 35.7

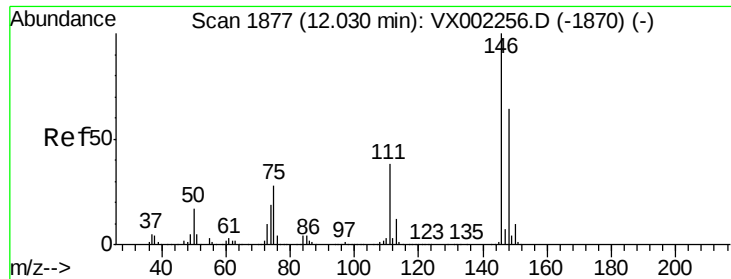


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

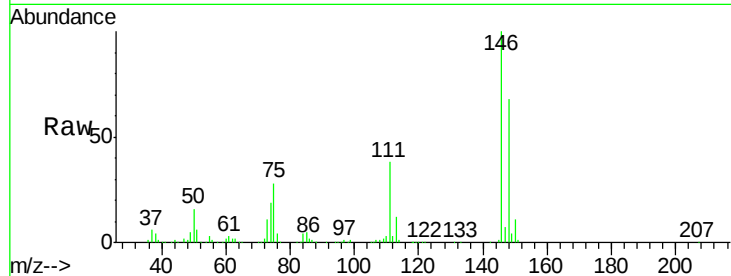
Tot Ion:146 Resp: 124125

Ion Ratio Lower Upper

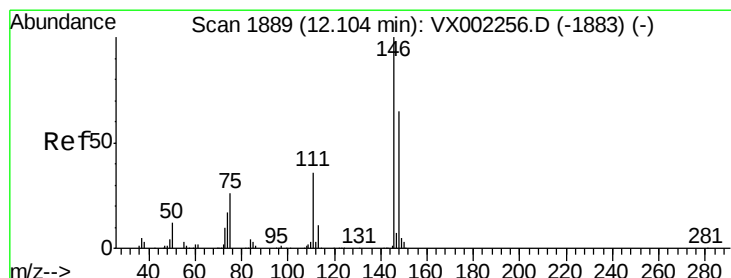
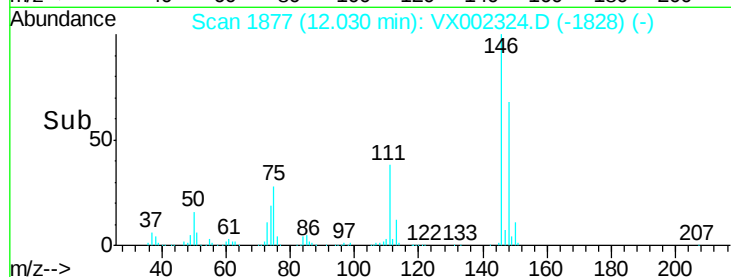
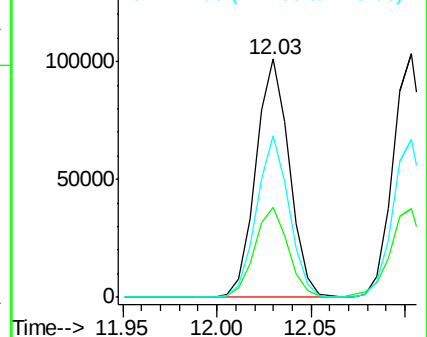
146 100

111 37.9 18.9 56.7

148 65.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

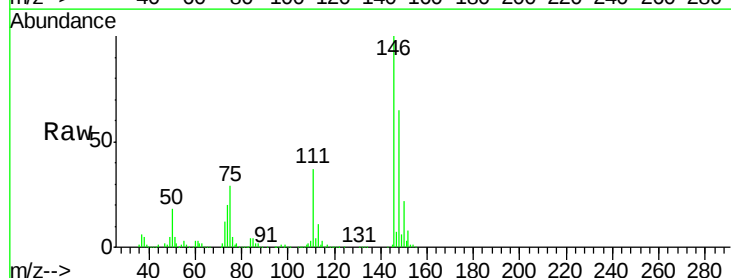
Tgt Ion:146 Resp: 125895

Ion Ratio Lower Upper

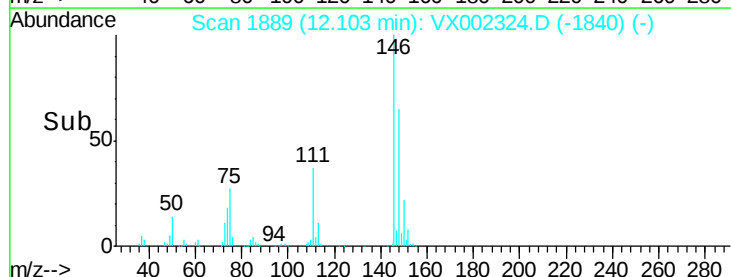
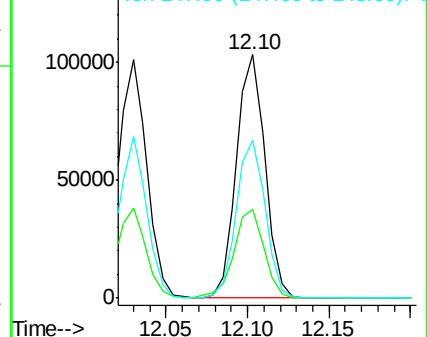
146 100

111 38.4 18.7 56.1

148 65.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

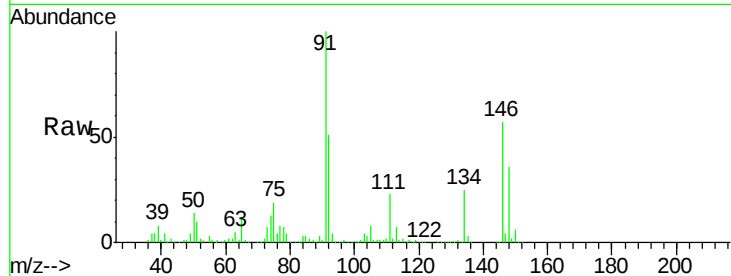
Tot Ion: 91 Resp: 166901

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

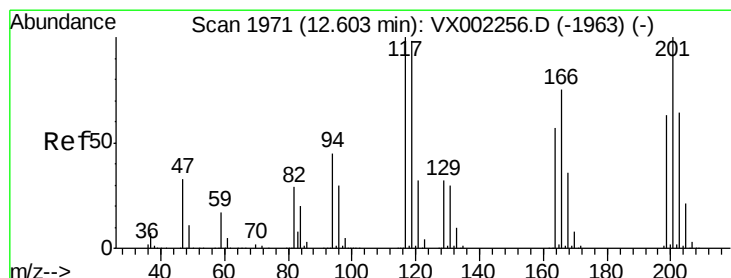
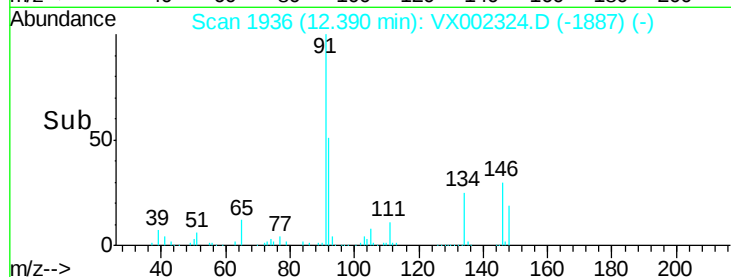
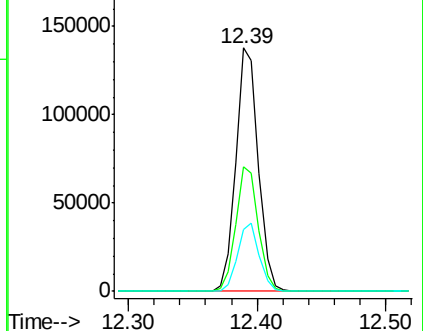
134 27.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 14.67 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002324.D

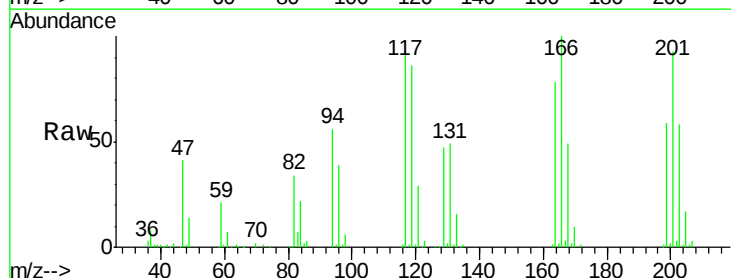
Acq: 06 Jun 2018 00:24

Tgt Ion: 117 Resp: 29003

Ion Ratio Lower Upper

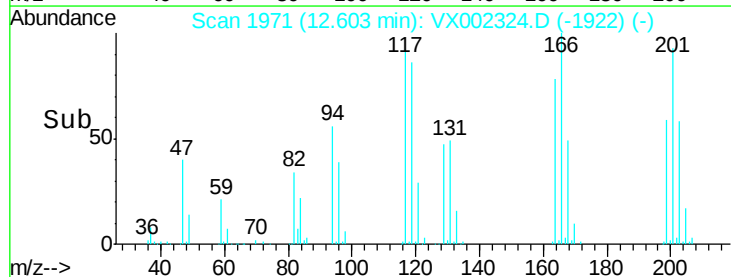
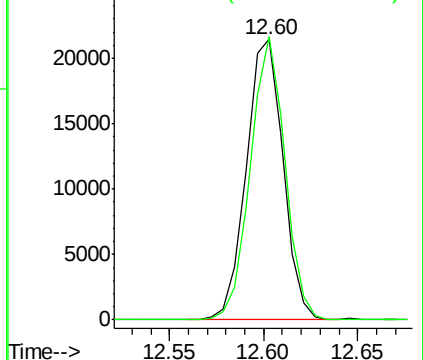
117 100

201 94.5 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

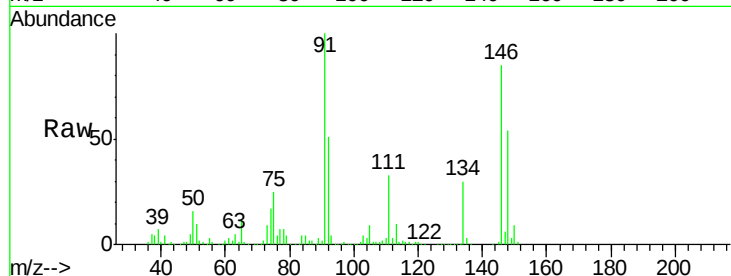
Tot Ion:146 Resp: 132052

Ion Ratio Lower Upper

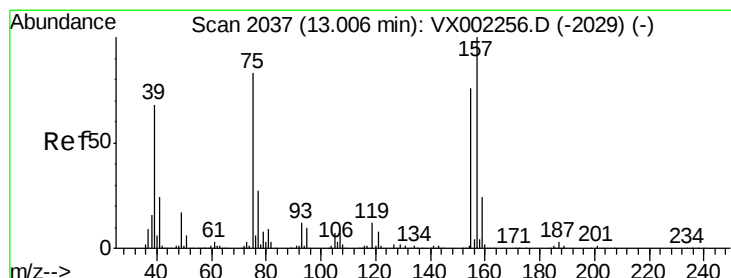
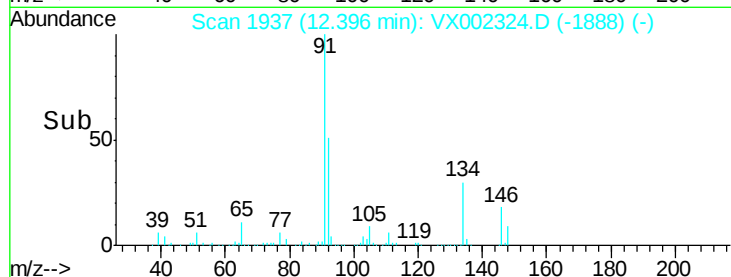
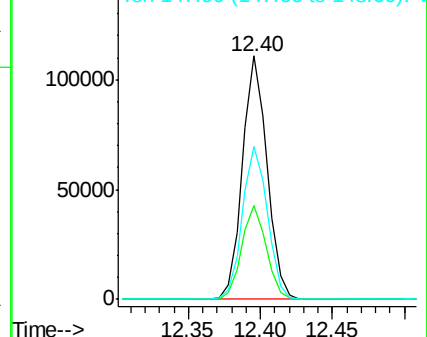
146 100

111 38.7 19.4 58.1

148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.21 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

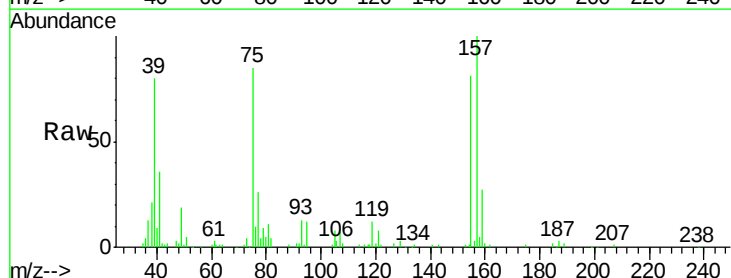
Tgt Ion: 75 Resp: 16439

Ion Ratio Lower Upper

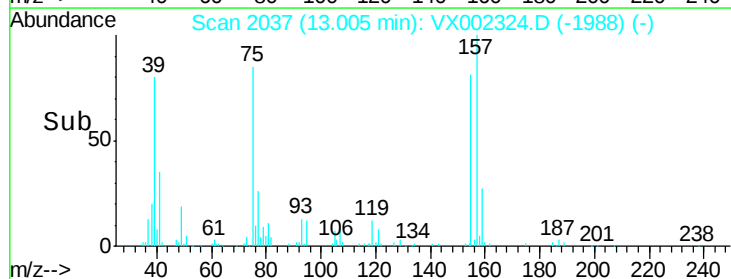
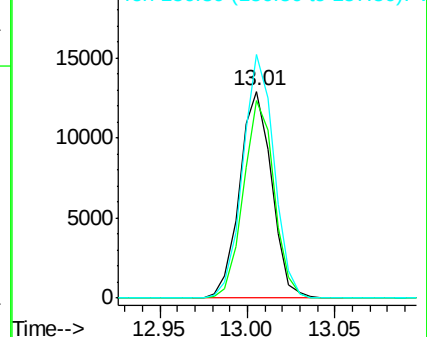
75 100

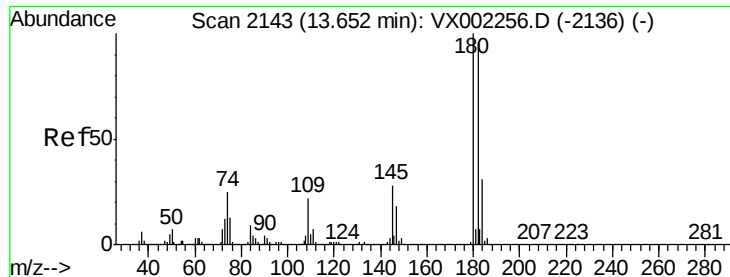
155 90.8 45.8 137.4

157 114.5 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

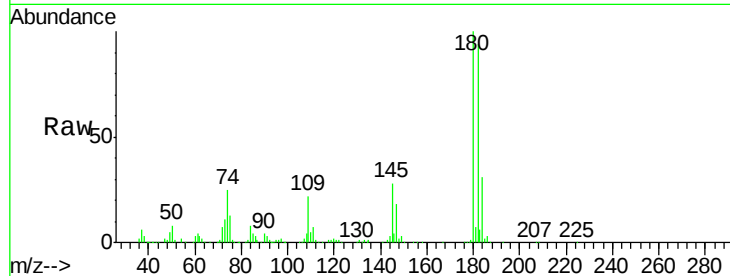




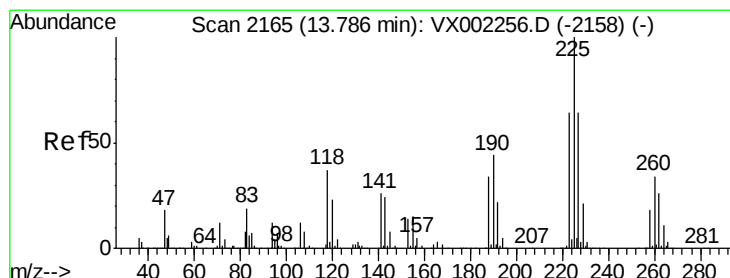
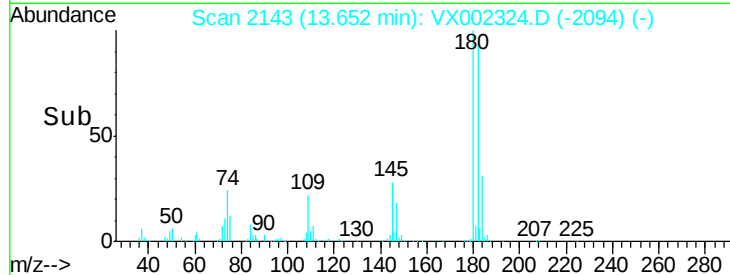
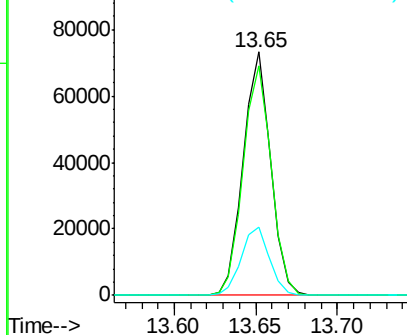
#93
 1,2,4-Trichlorobenzene
 Concen: 17.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 86329
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.7 143.1
 145 29.0 14.1 42.4

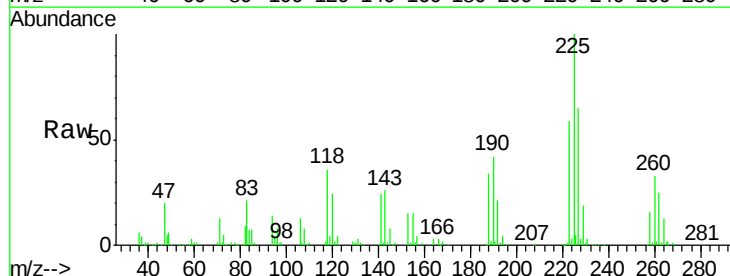


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

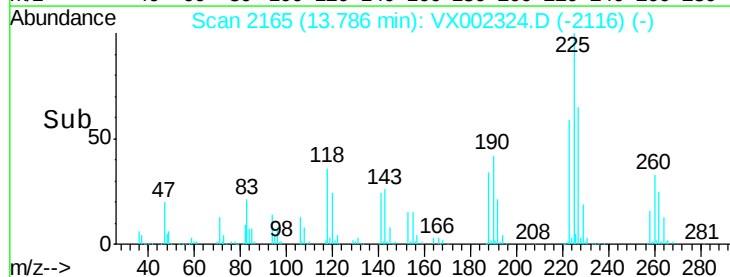
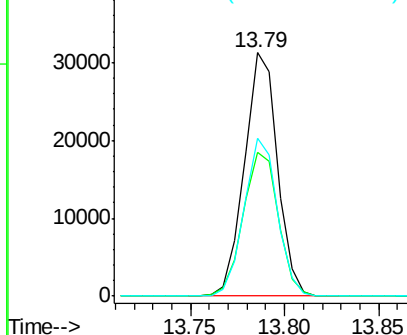


#94
 Hexachlorobutadiene
 Concen: 15.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion:225 Resp: 38111
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

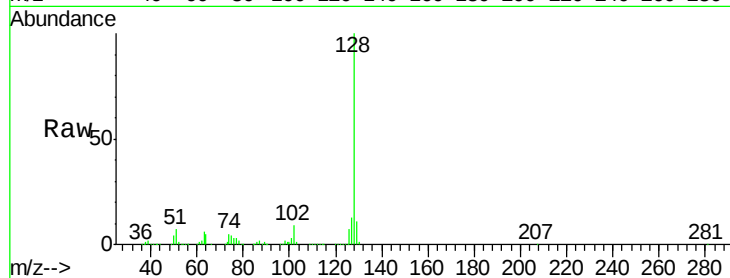
Tot Ion:128 Resp: 271966

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

128 100

127 12.9 10.4 15.6

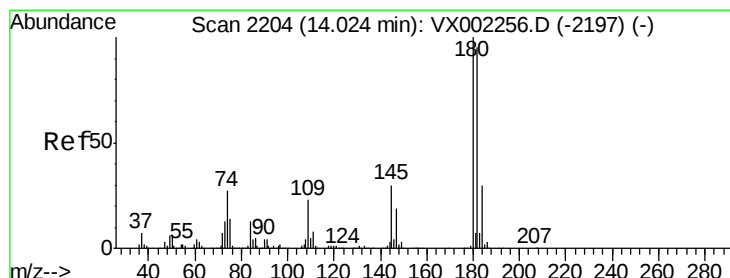
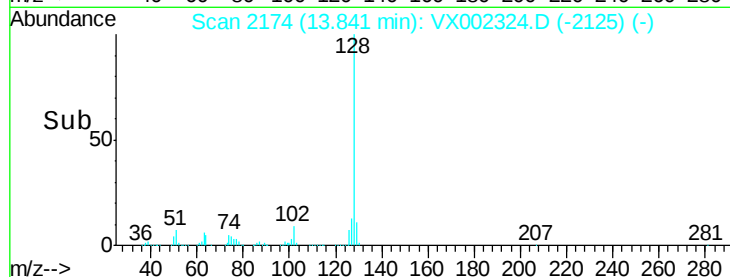
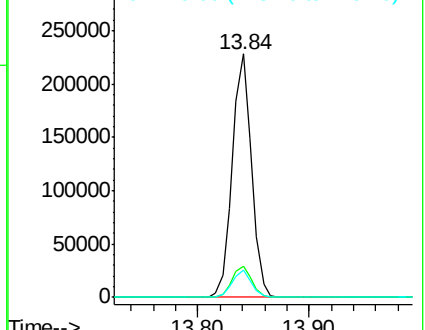
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.23 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

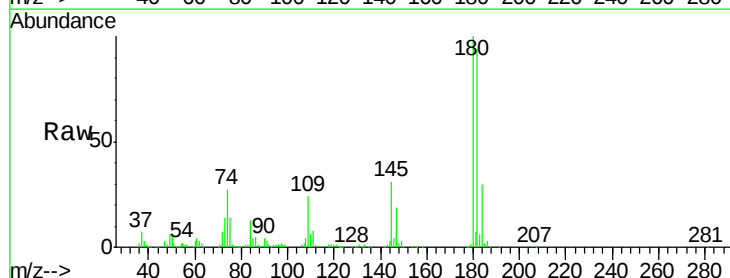
Tgt Ion:180 Resp: 94060

Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	29.8	14.8	44.3

180 100

182 94.4 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

