

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001413.D
 Acq On : 05 May 2018 12:04
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 06 07:40:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	4997	1.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.62%	
35) Dibromofluoromethane	5.51	113	3585	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	
50) Toluene-d8	8.72	98	12131	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
62) 4-Bromofluorobenzene	11.14	95	4207	0.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3677	1.18	ug/l	91
3) Chloromethane	1.32	50	4049	1.32	ug/l	97
4) Vinyl Chloride	1.41	62	4077	1.27	ug/l	93
5) Bromomethane	1.65	94	3640	1.44	ug/l	88
6) Chloroethane	1.73	64	2594	1.26	ug/l	98
7) Trichlorofluoromethane	1.93	101	6025	1.13	ug/l	99
8) Diethyl Ether	2.19	74	2474	1.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3605	1.17	ug/l	96
10) Methyl Iodide	2.51	142	5056	1.49	ug/l	97
11) Tert butyl alcohol	3.07	59	4743	6.96	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	3138	1.12	ug/l	96
13) Acrolein	2.30	56	1807	5.41	ug/l	92
14) Allyl chloride	2.73	41	5851	1.19	ug/l	99
15) Acrylonitrile	3.15	53	9957	6.36	ug/l	100
16) Acetone	2.45	43	10750	6.59	ug/l	98
17) Carbon Disulfide	2.57	76	7679	1.05	ug/l #	94
18) Methyl Acetate	2.78	43	5108	1.30	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11088	1.17	ug/l	96
20) Methylene Chloride	2.86	84	4171	1.17	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3824	1.26	ug/l	88
22) Diisopropyl ether	3.87	45	11515	1.22	ug/l	93
23) Vinyl Acetate	3.83	43	44242	5.54	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6384	1.21	ug/l #	91
25) 2-Butanone	4.72	43	14031	6.26	ug/l	99
26) 2,2-Dichloropropane	4.58	77	2172	0.51	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	3743	1.12	ug/l	53
28) Bromochloromethane	5.02	49	2900	1.24	ug/l #	96
29) Tetrahydrofuran	5.18	42	8953	6.44	ug/l	98
30) Chloroform	5.21	83	6442	1.16	ug/l #	80
31) Cyclohexane	5.57	56	5251	1.11	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	5200	1.07	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	5079	1.23	ug/l	97
37) Ethyl Acetate	4.87	43	5498	1.30	ug/l #	93
38) Carbon Tetrachloride	5.79	117	4875	1.12	ug/l	91

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 VSTDIC001

Quant Time: May 06 07:40:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:35 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	5510	1.12	ug/l #	93
40) Benzene	6.15	78	13721	1.15	ug/l	99
41) Methacrylonitrile	5.07	41	3169	1.29	ug/l #	86
42) 1,2-Dichloroethane	6.20	62	5381	1.16	ug/l	94
43) Isopropyl Acetate	6.47	43	7495	1.11	ug/l	99
44) Trichloroethene	7.21	130	4202	1.15	ug/l	98
45) 1,2-Dichloropropane	7.52	63	3462	1.14	ug/l #	76
46) Dibromomethane	7.67	93	2436	1.14	ug/l	95
47) Bromodichloromethane	7.91	83	3854	1.00	ug/l	97
48) Methyl methacrylate	7.79	41	3985	1.10	ug/l	92
49) 1,4-Dioxane	7.77	88	1750	24.95	ug/l #	81
51) 4-Methyl-2-Pentanone	8.66	43	23916	5.45	ug/l	95
52) Toluene	8.79	92	8748	1.12	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	3974	0.87	ug/l #	89
54) cis-1,3-Dichloropropene	9.05	75	3490	0.84	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3685	1.18	ug/l	93
56) Ethyl methacrylate	9.19	69	4484	1.02	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5920	1.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	10012	4.70	ug/l	97
59) 2-Hexanone	9.51	43	17236	5.04	ug/l	96
60) Dibromochloromethane	9.59	129	3013	0.92	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3530	1.06	ug/l	98
64) Tetrachloroethene	9.34	164	4925	1.23	ug/l	90
65) Chlorobenzene	10.14	112	10325	1.14	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3155	1.00	ug/l #	68
67) Ethyl Benzene	10.26	91	16236	1.09	ug/l	99
68) m/p-Xylenes	10.37	106	12114	2.06	ug/l	100
69) o-Xylene	10.70	106	5904	1.03	ug/l	99
70) Styrene	10.71	104	8776	0.94	ug/l	97
71) Bromoform	10.86	173	2122	0.80	ug/l #	90
73) Isopropylbenzene	11.02	105	15186	1.06	ug/l	97
74) N-amyl acetate	6.47	43	7495	1.22	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	4587	1.08	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5201	1.31	ug/l	89
77) Bromobenzene	11.26	156	4633	1.13	ug/l	95
78) n-propylbenzene	11.37	91	15714	0.99	ug/l	97
79) 2-Chlorotoluene	11.43	91	10508	1.10	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	11769	0.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	895	0.86	ug/l #	63
82) 4-Chlorotoluene	11.51	91	11522	1.01	ug/l	98
83) tert-Butylbenzene	11.77	119	11931	1.00	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	12296	1.00	ug/l	96
85) sec-Butylbenzene	11.95	105	14219	0.99	ug/l	97
86) p-Isopropyltoluene	12.07	119	12741	0.97	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	7948	1.03	ug/l	97
88) 1,4-Dichlorobenzene	12.03	146	7948	1.01	ug/l	97
89) n-Butylbenzene	12.40	91	10680	0.94	ug/l	94
90) Hexachloroethane	12.60	117	1855	0.97	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	8158	1.07	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	862	0.99	ug/l	93

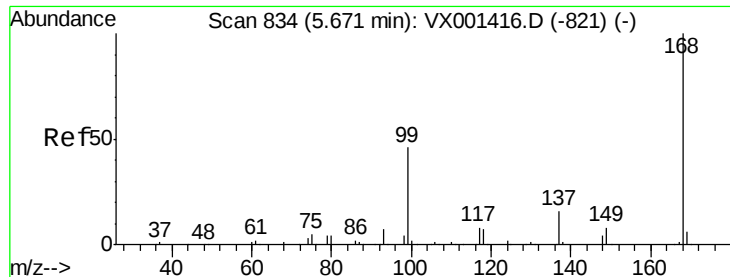
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
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Acq On : 05 May 2018 12:04
Operator : JC/MD
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MSVOA_X
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VSTDICC001

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	5523	0.90	ug/l	97
94) Hexachlorobutadiene	13.79	225	3255	1.01	ug/l	94
95) Naphthalene	13.84	128	14347	0.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	5749	0.95	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

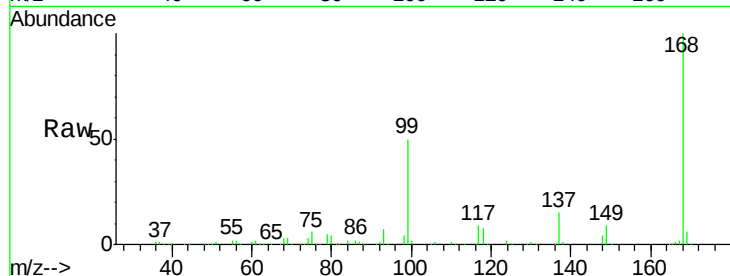
VSTDIC001

Tgt Ion:168 Resp: 273352

Ion Ratio Lower Upper

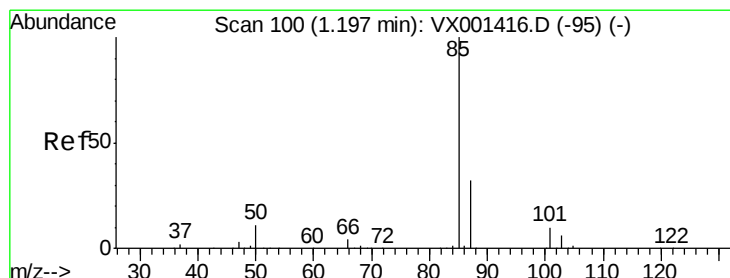
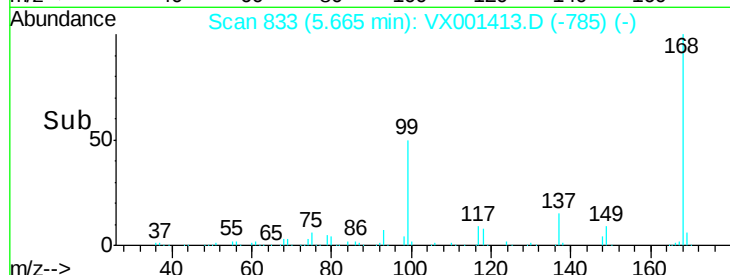
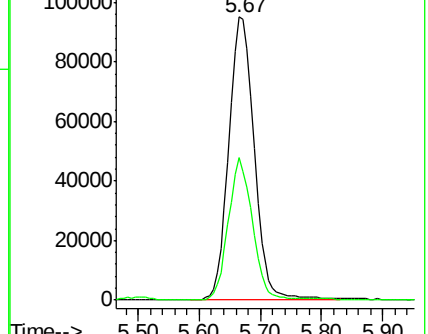
168 100

99 50.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001413.D

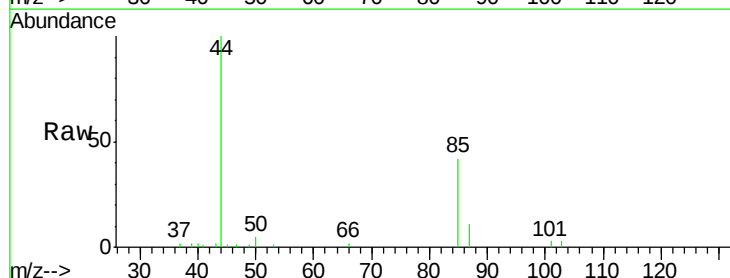
Acq: 05 May 2018 12:04

Tgt Ion: 85 Resp: 3677

Ion Ratio Lower Upper

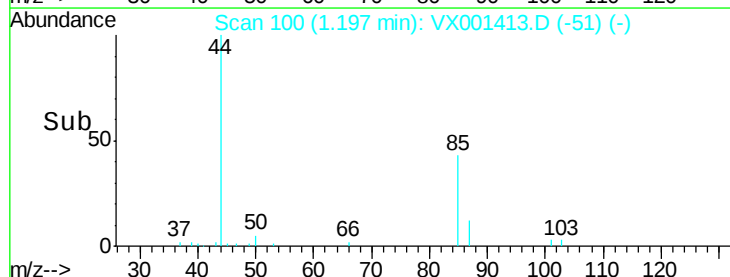
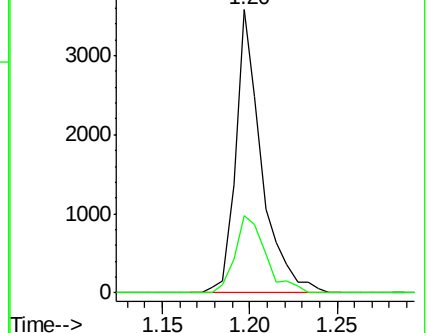
85 100

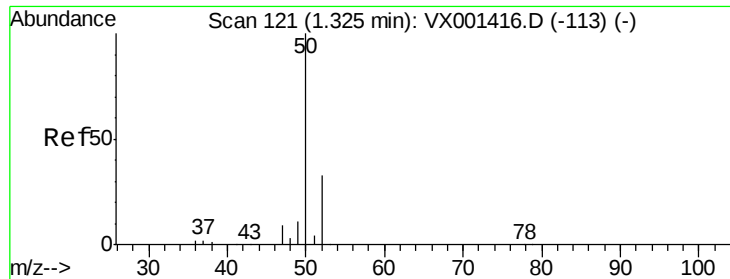
87 27.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

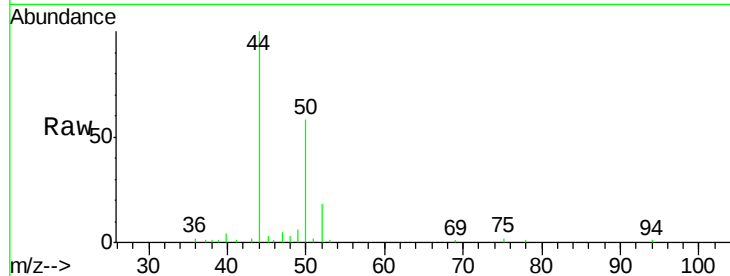
VSTDIC001

Tgt Ion: 50 Resp: 4049

Ion Ratio Lower Upper

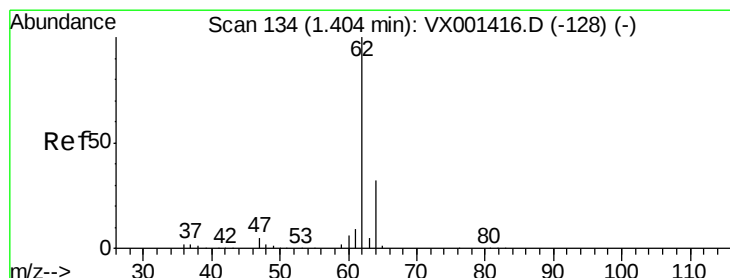
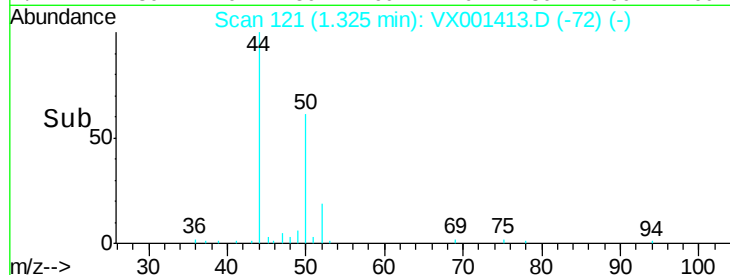
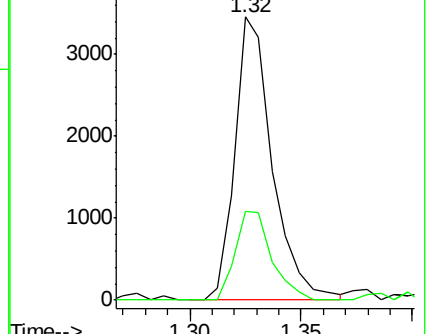
50 100

52 31.3 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.27 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001413.D

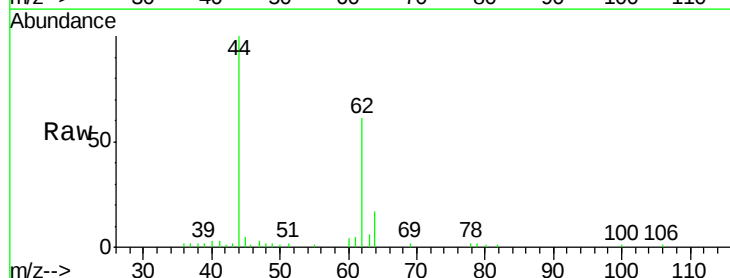
Acq: 05 May 2018 12:04

Tgt Ion: 62 Resp: 4077

Ion Ratio Lower Upper

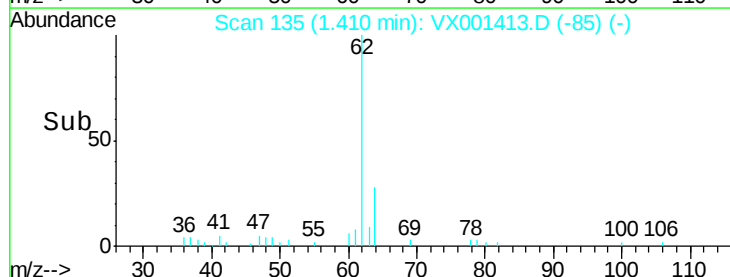
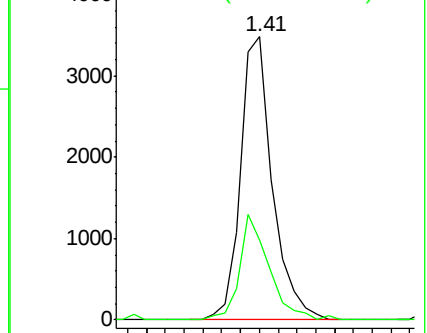
62 100

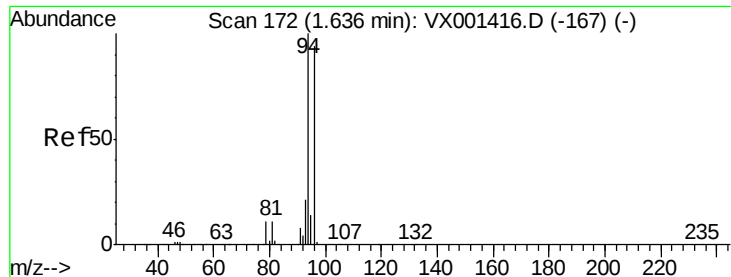
64 28.1 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.44 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

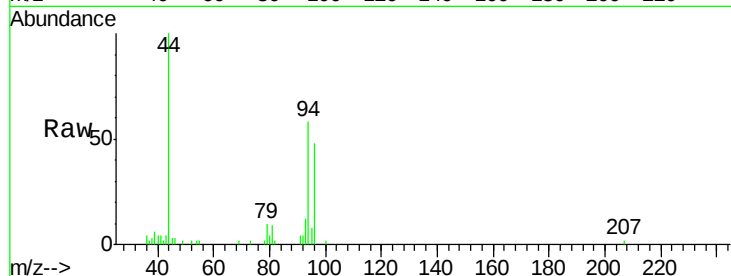
VSTDIC001

Tgt Ion: 94 Resp: 3640

Ion Ratio Lower Upper

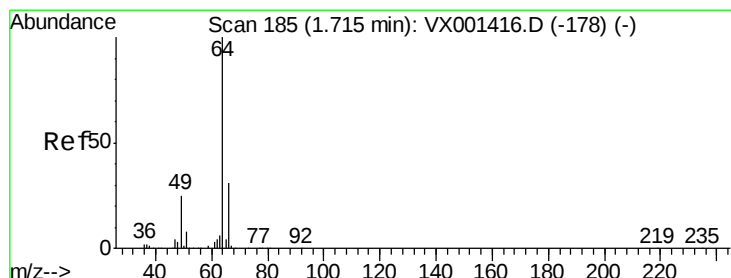
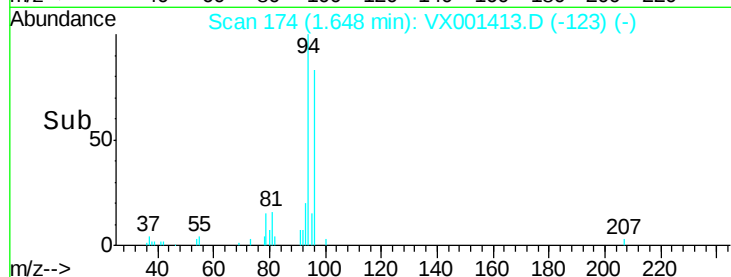
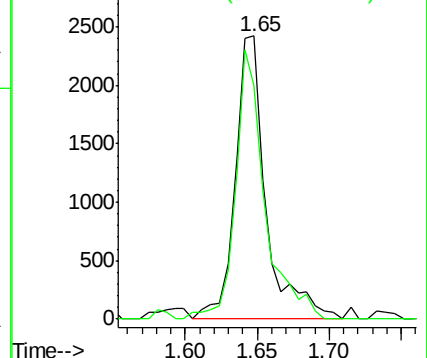
94 100

96 82.6 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001413.D

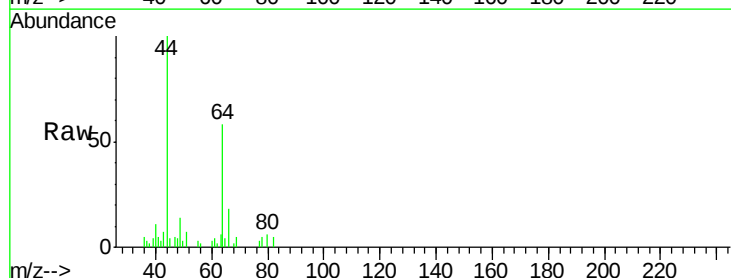
Acq: 05 May 2018 12:04

Tgt Ion: 64 Resp: 2594

Ion Ratio Lower Upper

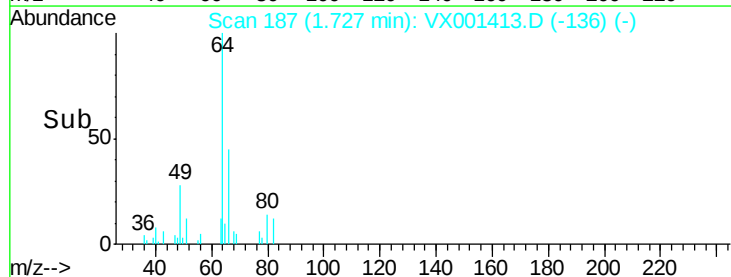
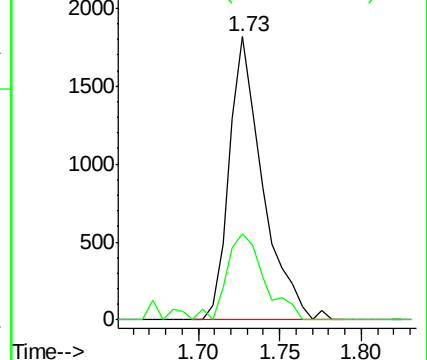
64 100

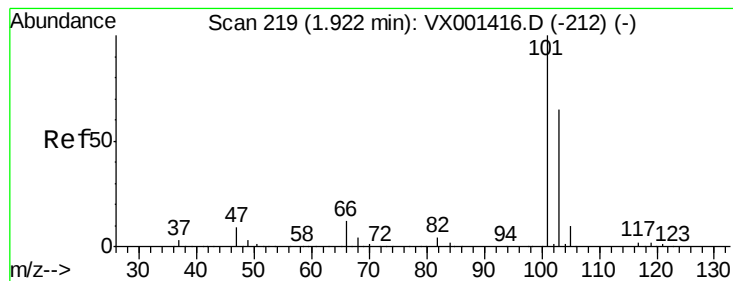
66 30.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.13 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

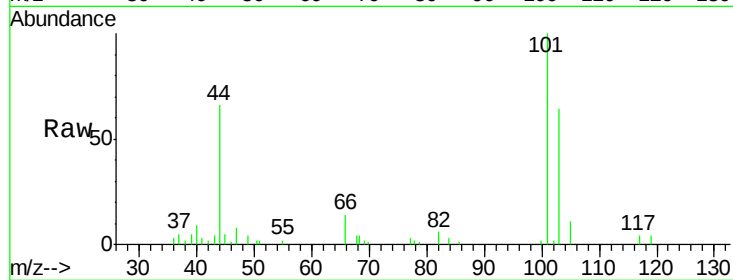
VSTDIC001

Tgt Ion:101 Resp: 6025

Ion Ratio Lower Upper

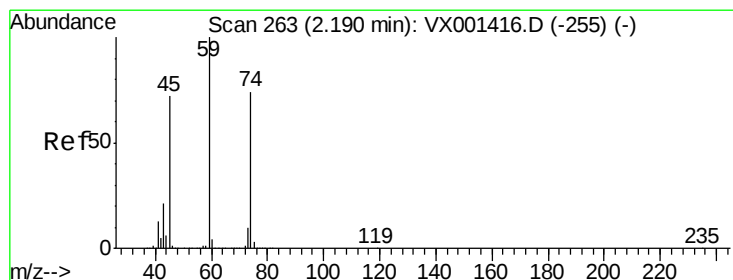
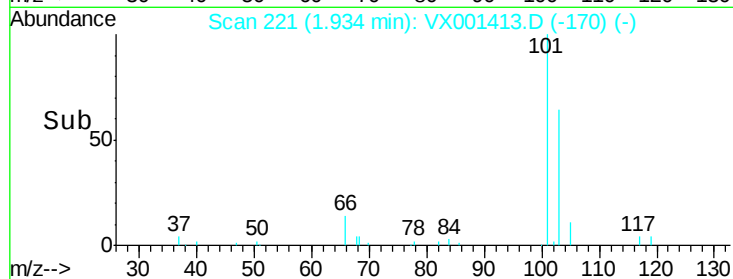
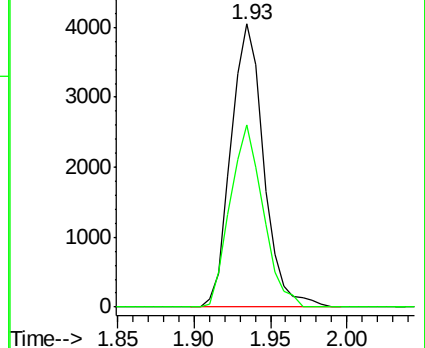
101 100

103 64.3 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.32 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001413.D

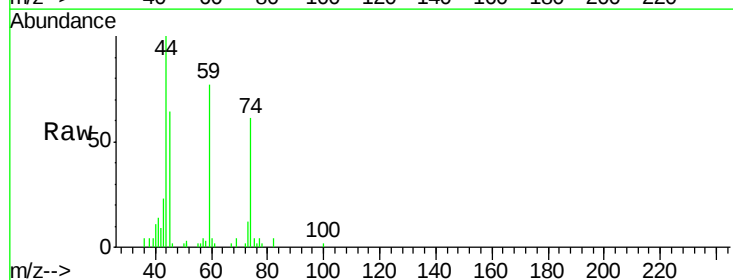
Acq: 05 May 2018 12:04

Tgt Ion: 74 Resp: 2474

Ion Ratio Lower Upper

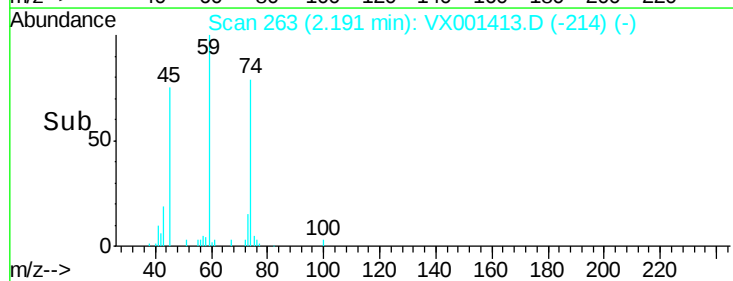
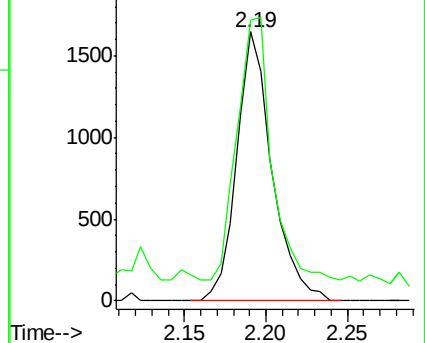
74 100

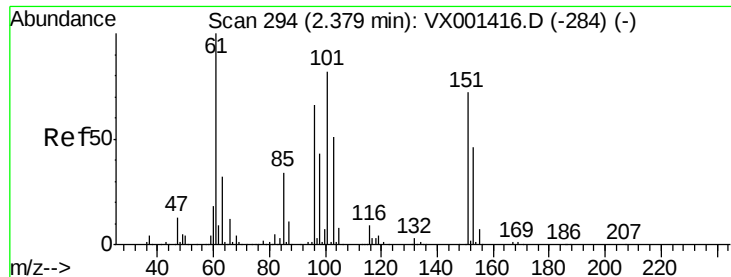
45 95.4 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.17 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

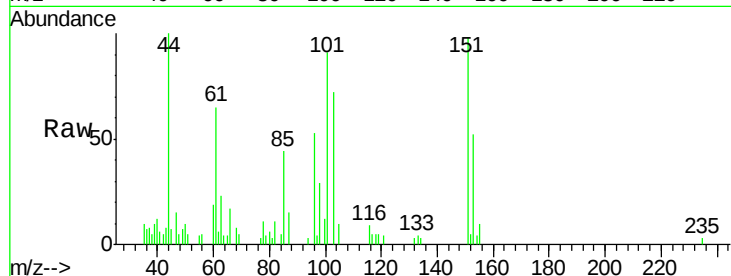
Tgt Ion:101 Resp: 3605

Ion Ratio Lower Upper

101 100

85 46.2 33.7 50.5

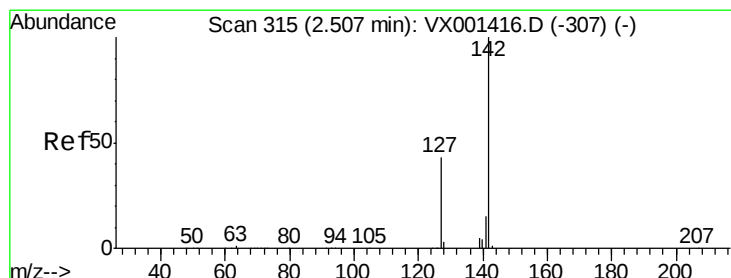
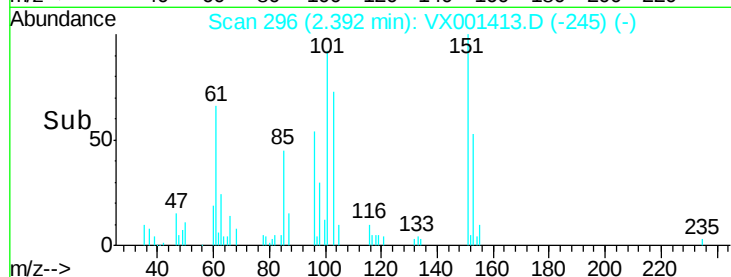
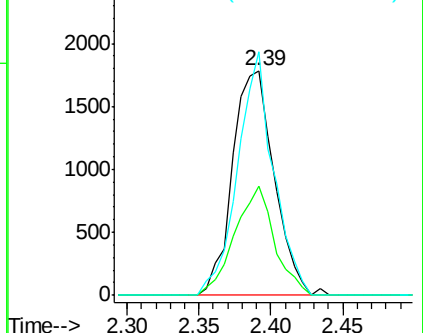
151 92.6 72.3 108.5



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: 1.49 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

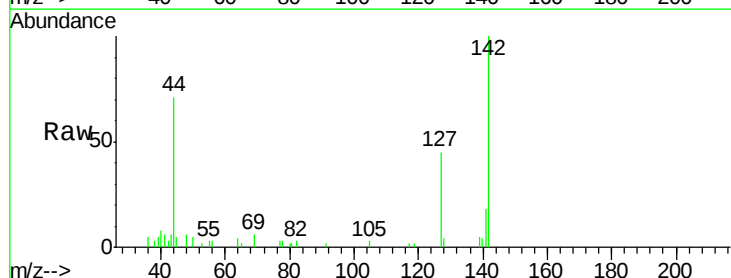
Tgt Ion:142 Resp: 5056

Ion Ratio Lower Upper

142 100

127 44.0 33.6 50.4

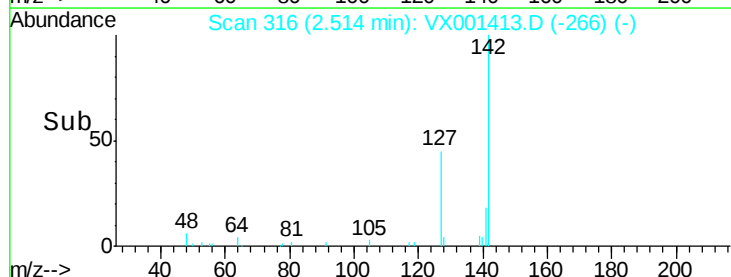
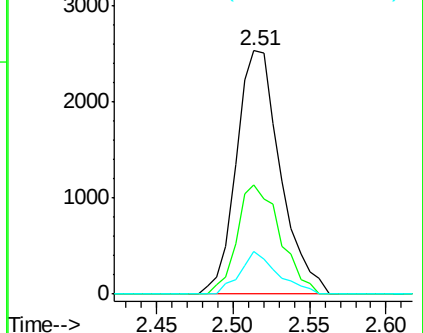
141 15.1 11.4 17.2

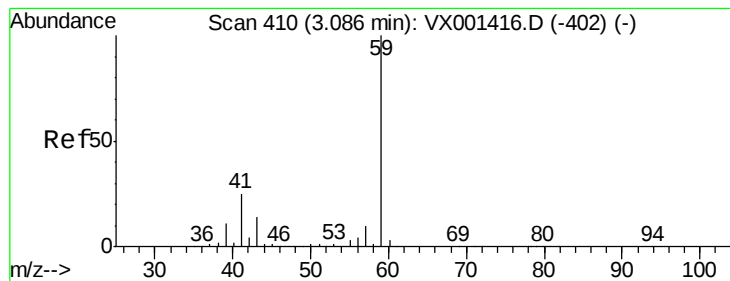


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



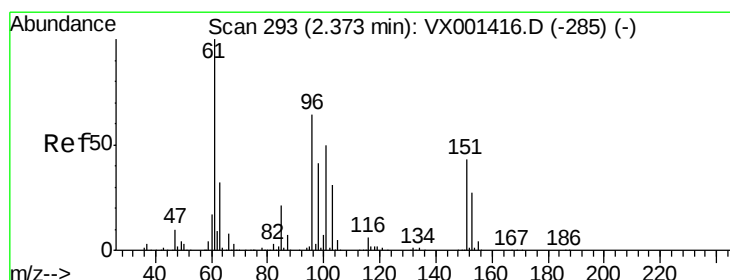
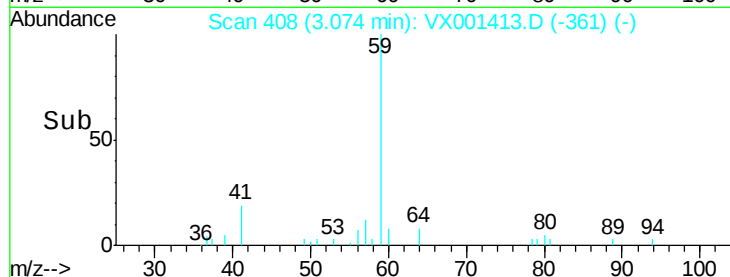
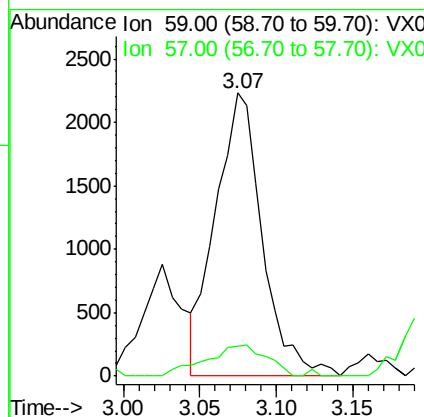
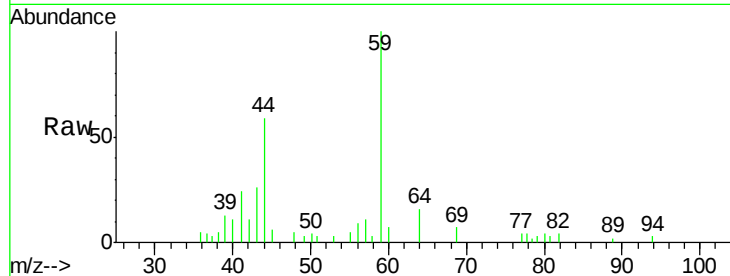


#11

Tert butyl alcohol
 Concen: 6.96 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

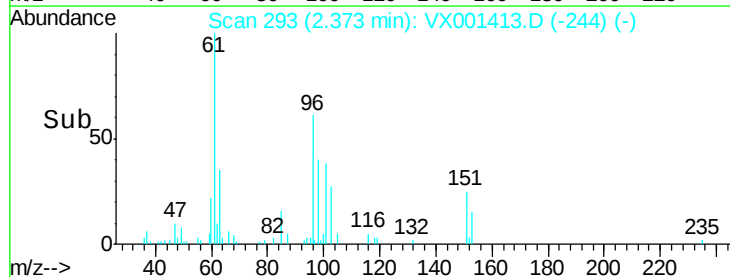
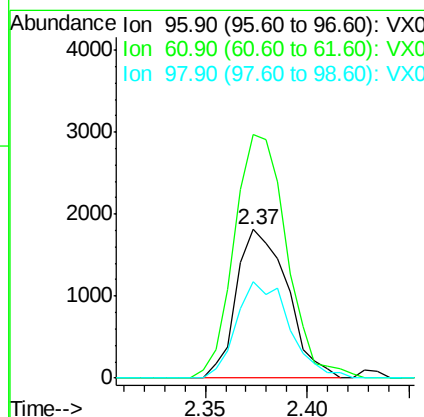
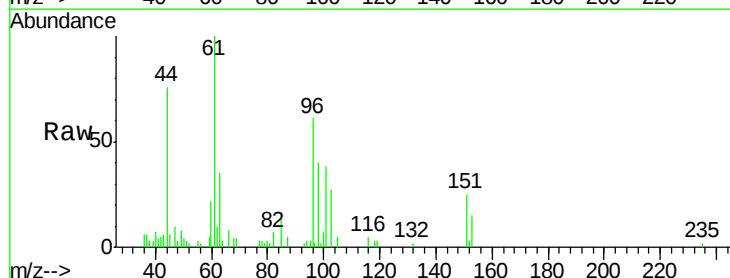
Tgt Ion: 59 Resp: 4743
 Ion Ratio Lower Upper
 59 100
 57 14.3 8.2 12.4#



#12

1,1-Dichloroethene
 Concen: 1.12 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 96 Resp: 3138
 Ion Ratio Lower Upper
 96 100
 61 163.7 125.7 188.5
 98 65.1 52.0 78.0





#13

Acrolein

Concen: 5.41 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

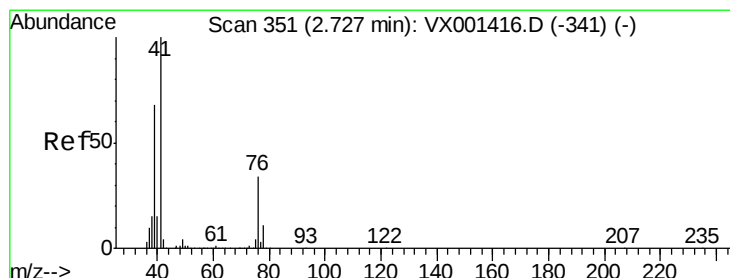
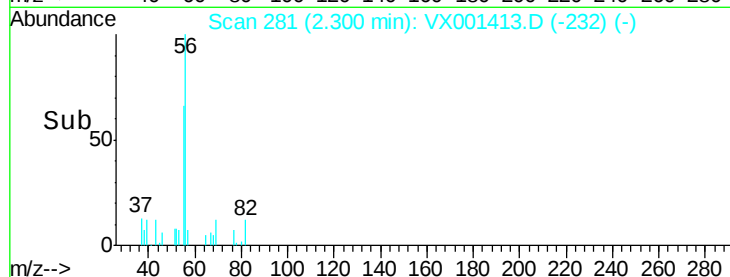
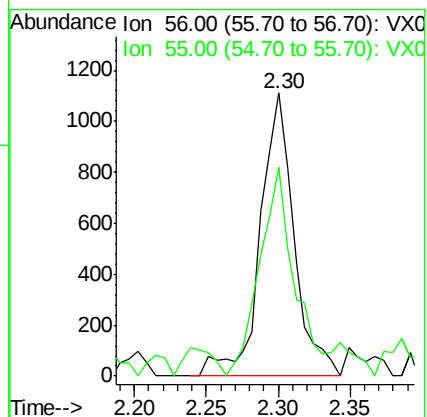
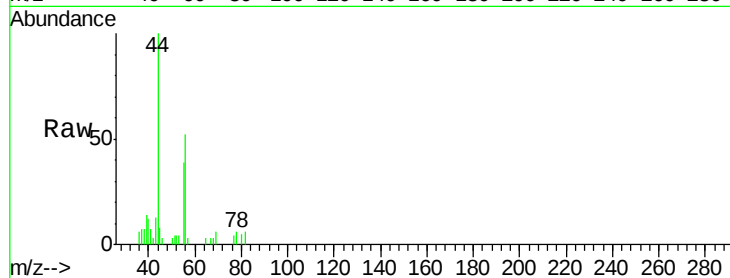
VSTDIC001

Tgt Ion: 56 Resp: 1807

Ion Ratio Lower Upper

56 100

55 74.7 54.5 81.7



#14

Allyl chloride

Concen: 1.19 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

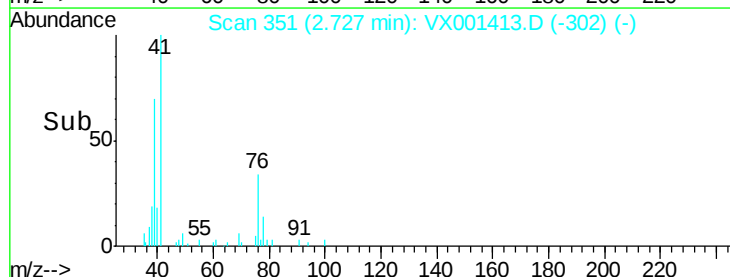
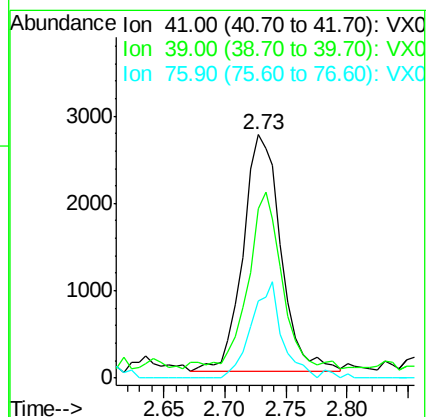
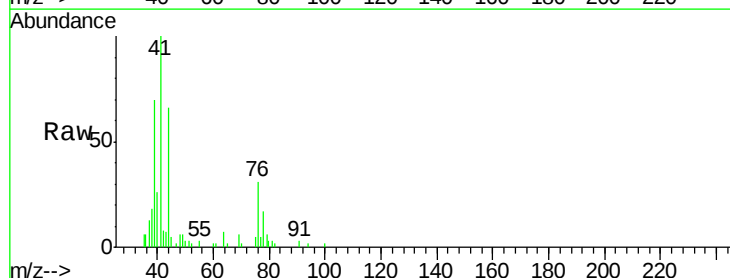
Tgt Ion: 41 Resp: 5851

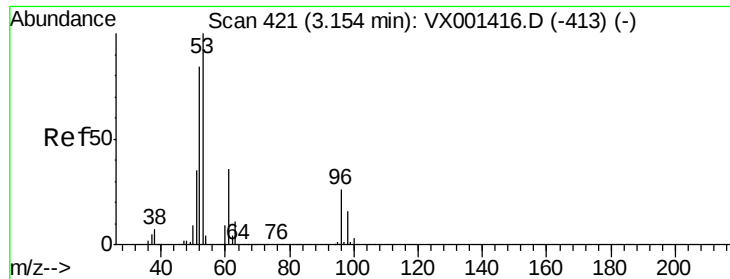
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 32.6 25.8 38.6





#15

Acrylonitrile

Concen: 6.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

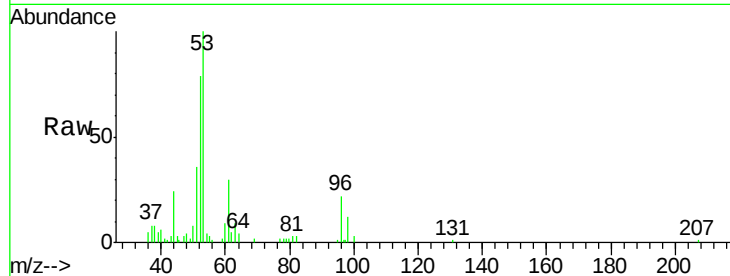
Tgt Ion: 53 Resp: 9957

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

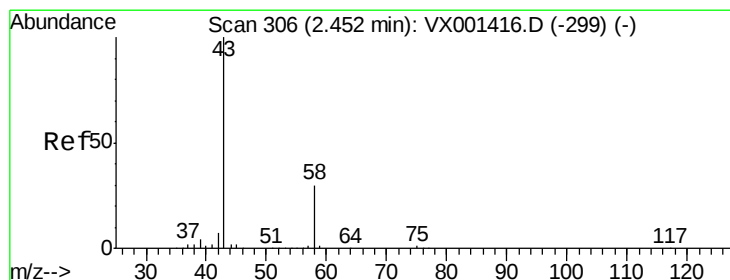
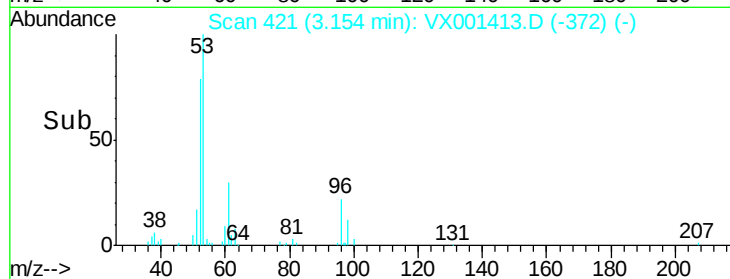
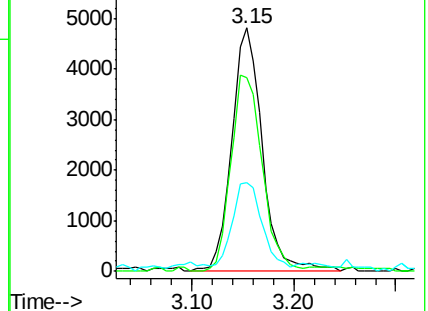
51 35.1 28.6 43.0



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: 6.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001413.D

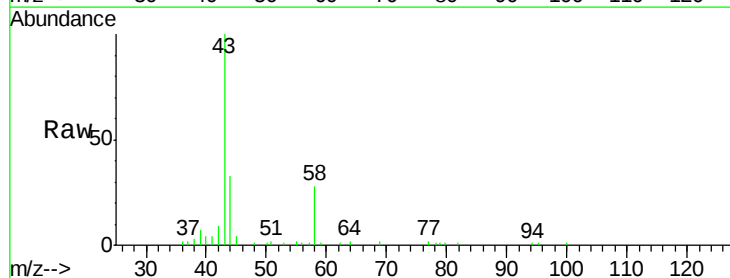
Acq: 05 May 2018 12:04

Tgt Ion: 43 Resp: 10750

Ion Ratio Lower Upper

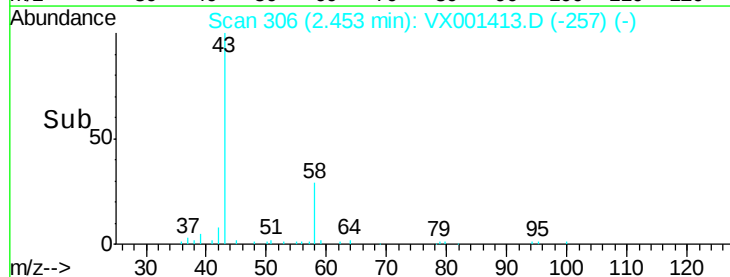
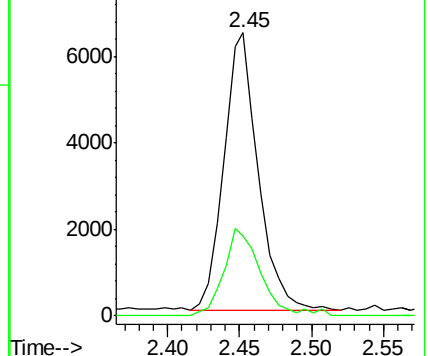
43 100

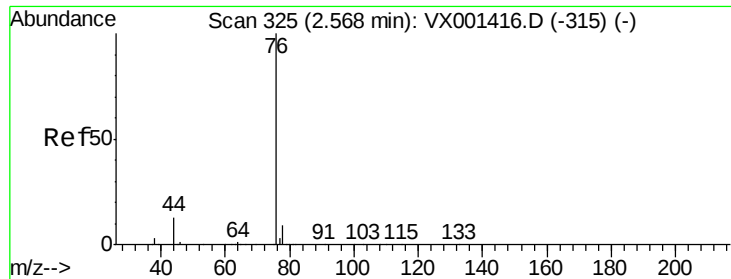
58 28.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

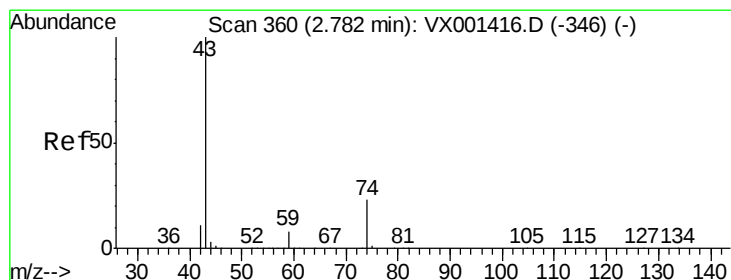
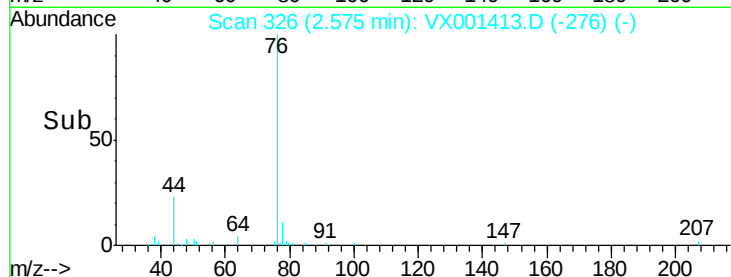
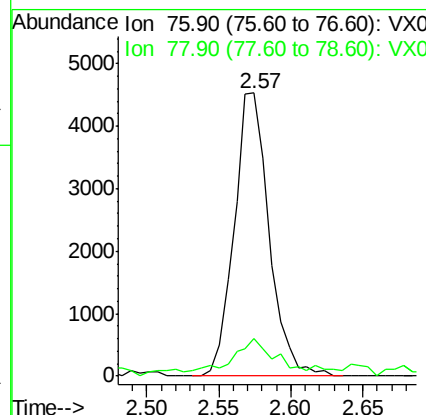
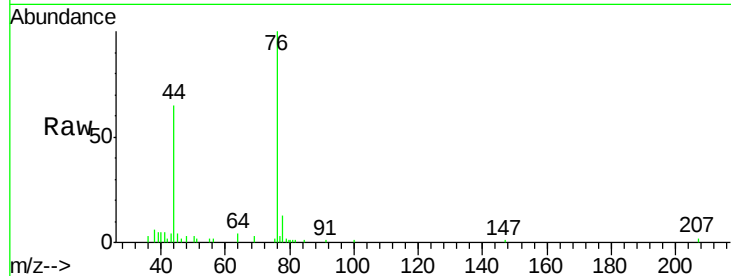




#17
Carbon Disulfide
Concen: 1.05 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

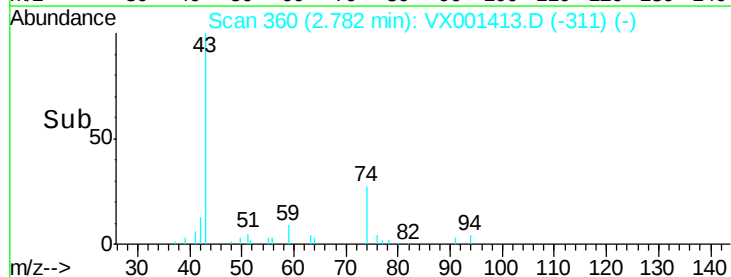
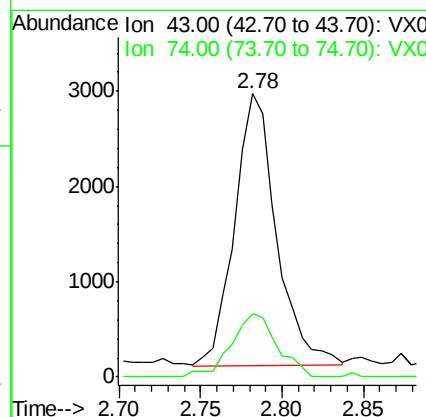
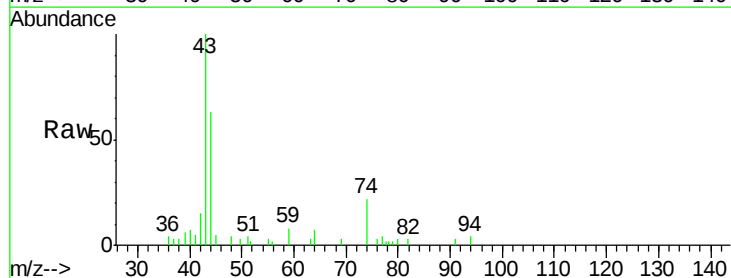
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

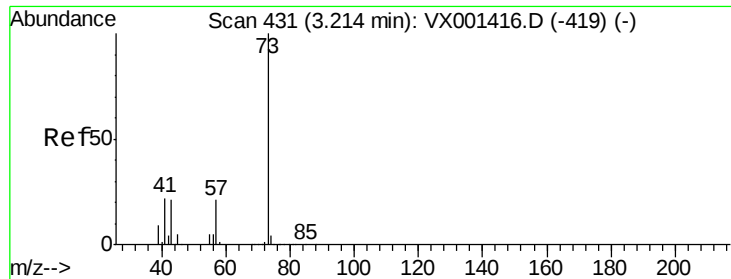
Tgt Ion: 76 Resp: 7679
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.2#



#18
Methyl Acetate
Concen: 1.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 43 Resp: 5108
Ion Ratio Lower Upper
43 100
74 25.4 18.6 27.8

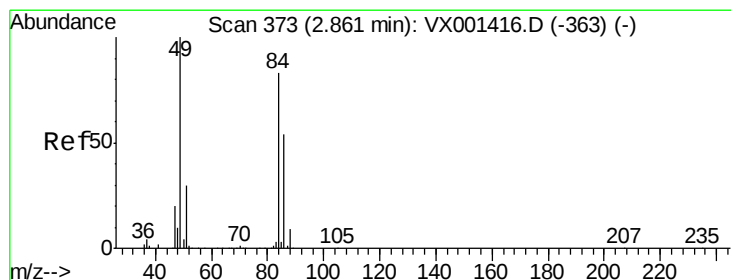
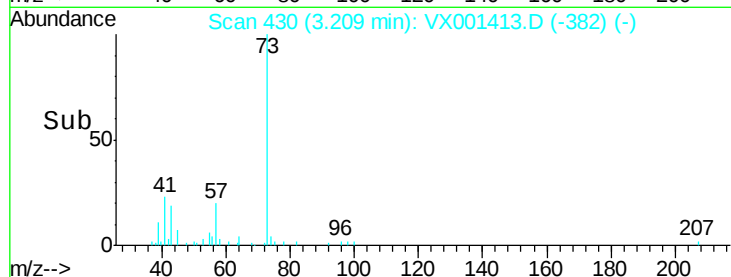
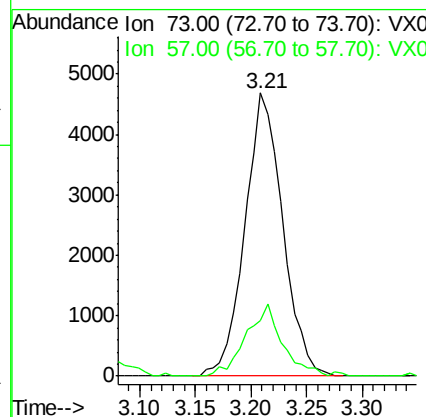
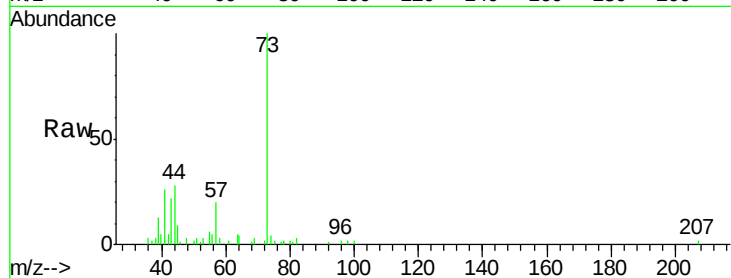




#19
Methyl tert-butyl Ether
Concen: 1.17 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

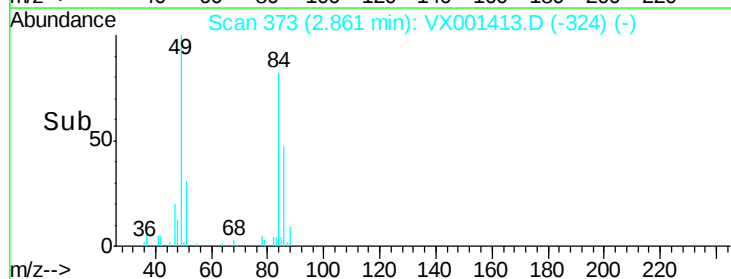
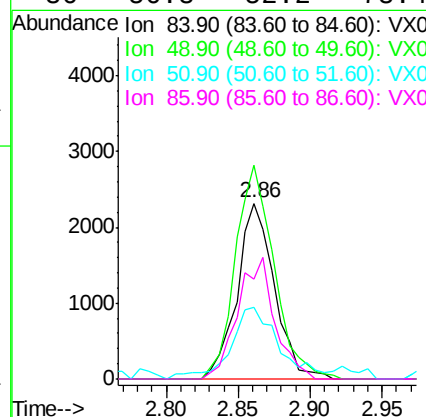
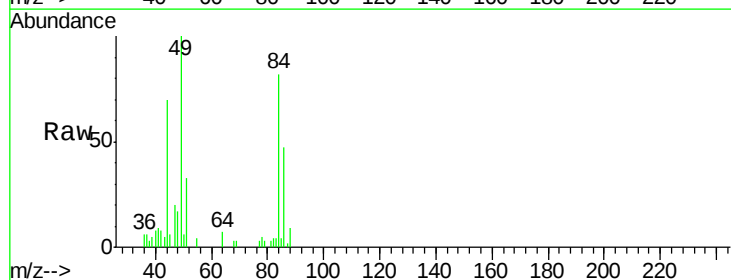
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

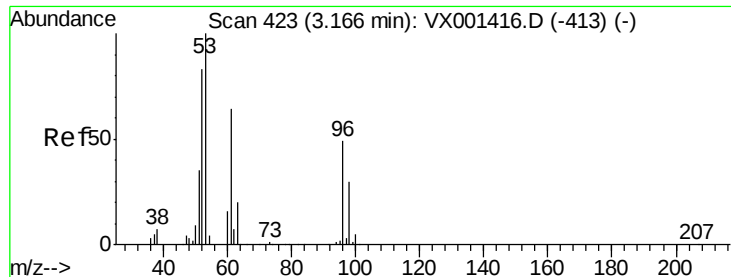
Tgt Ion: 73 Resp: 11088
Ion Ratio Lower Upper
73 100
57 19.6 17.0 25.6



#20
Methylene Chloride
Concen: 1.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 84 Resp: 4171
Ion Ratio Lower Upper
84 100
49 121.4 96.6 144.8
51 37.4 29.0 43.4
86 56.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 1.26 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

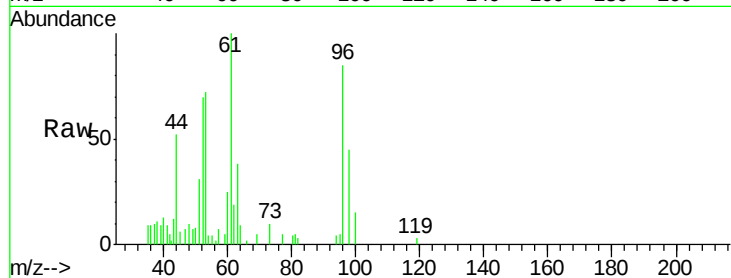
Tgt Ion: 96 Resp: 3824

Ion Ratio Lower Upper

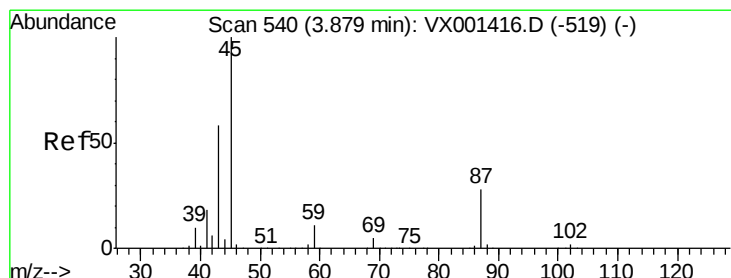
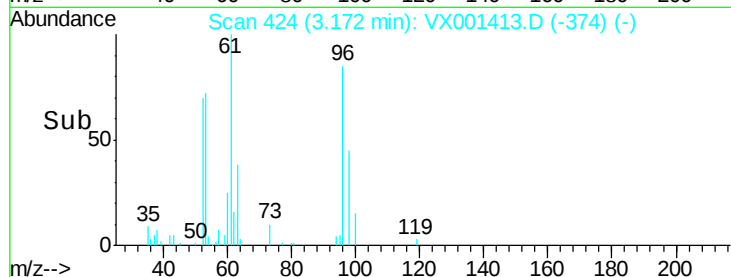
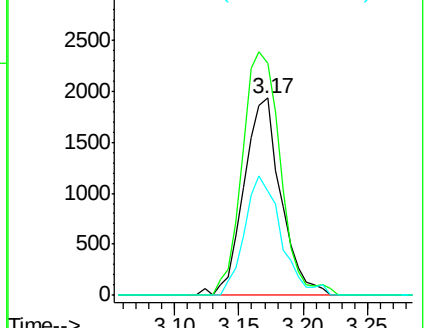
96 100

61 117.7 105.0 157.4

98 52.9 49.9 74.9



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: 1.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion: 45 Resp: 11515

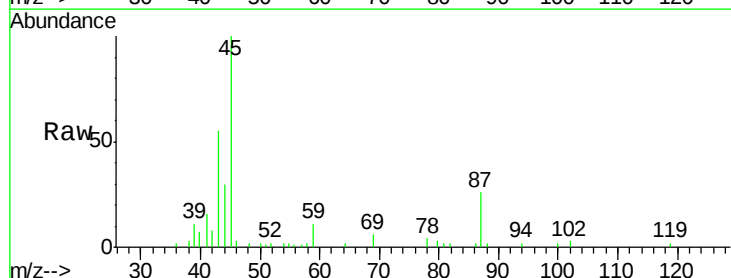
Ion Ratio Lower Upper

45 100

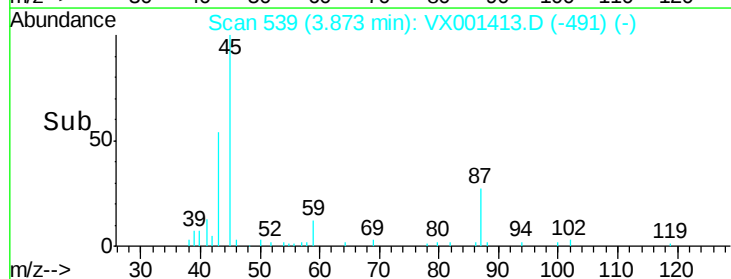
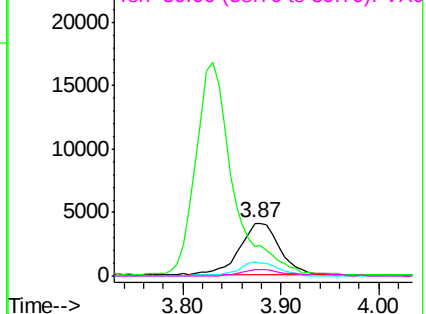
43 50.5 46.5 69.7

87 26.5 22.6 34.0

59 11.6 9.1 13.7



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: 5.54 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

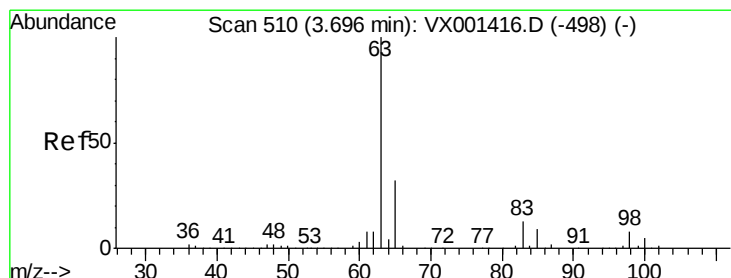
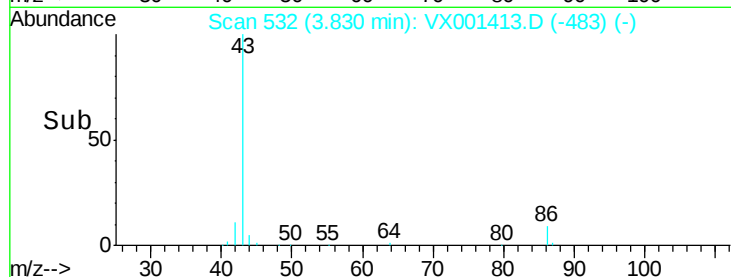
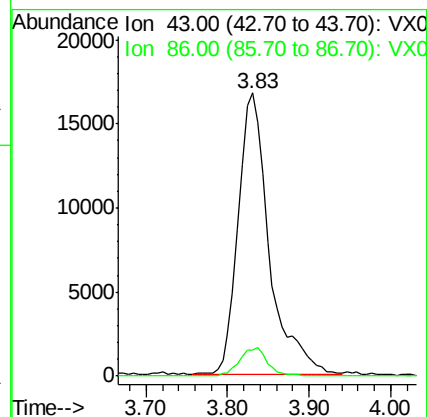
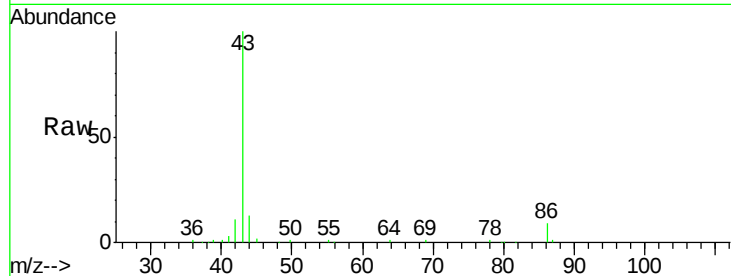
VSTDIC001

Tgt Ion: 43 Resp: 44242

Ion Ratio Lower Upper

43 100

86 9.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 1.21 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

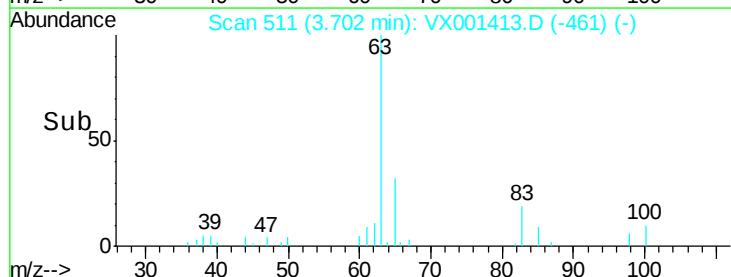
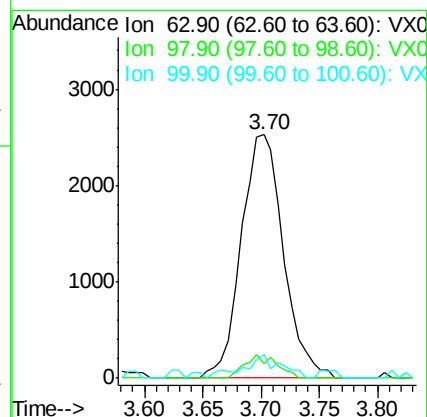
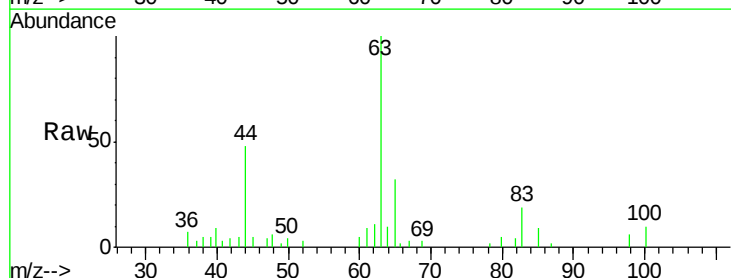
Tgt Ion: 63 Resp: 6384

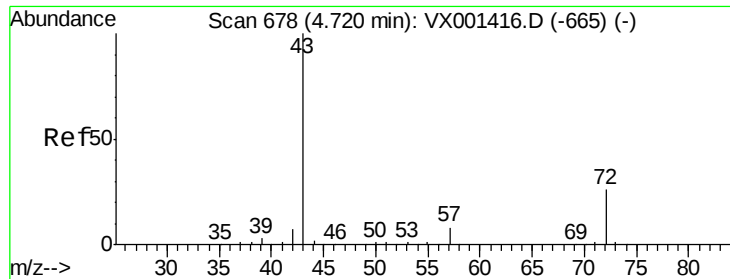
Ion Ratio Lower Upper

63 100

98 6.0 3.8 11.4

100 9.8 2.4 7.1#





#25

2-Butanone

Concen: 6.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

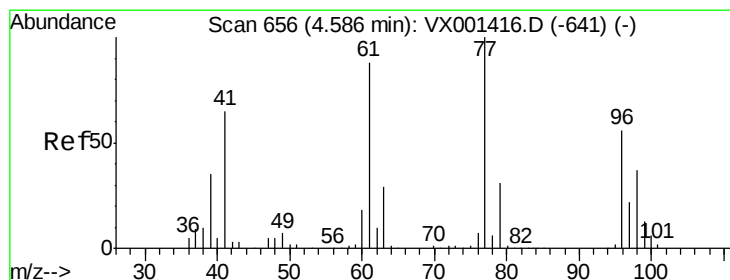
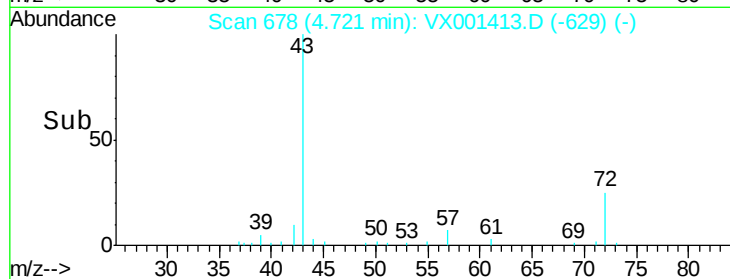
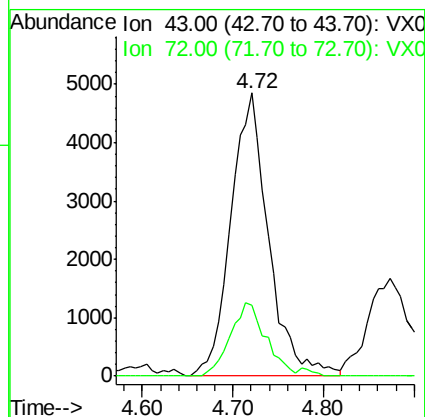
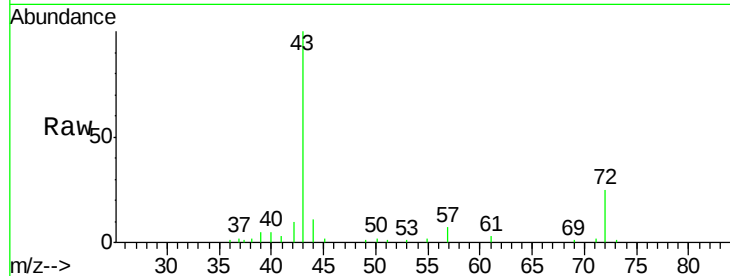
VSTDIC001

Tgt Ion: 43 Resp: 14031

Ion Ratio Lower Upper

43 100

72 25.2 20.7 31.1



#26

2,2-Dichloropropane

Concen: 0.51 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX001413.D

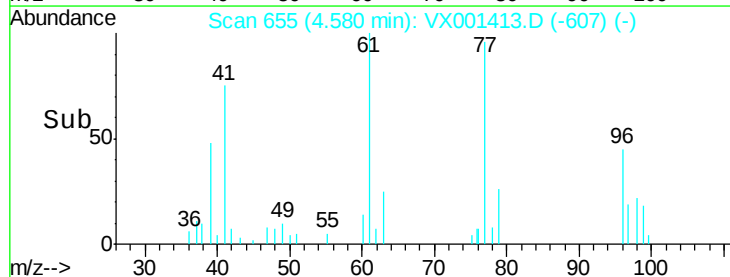
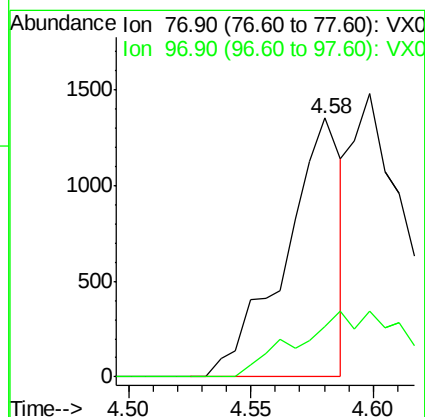
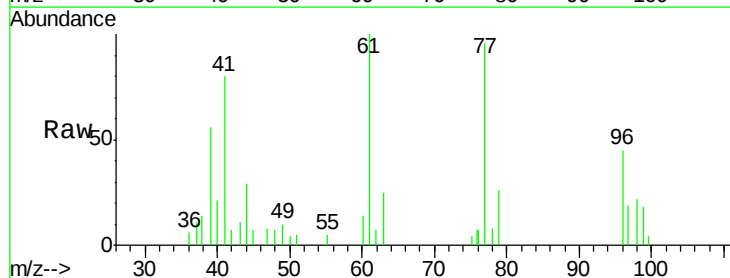
Acq: 05 May 2018 12:04

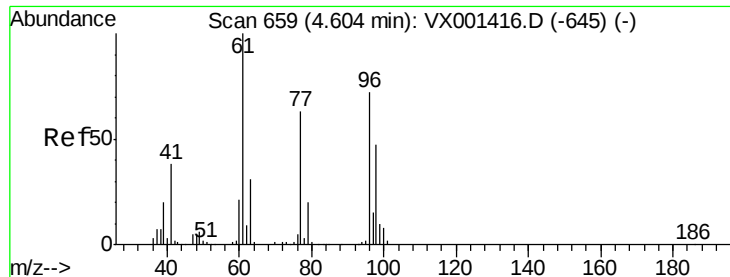
Tgt Ion: 77 Resp: 2172

Ion Ratio Lower Upper

77 100

97 26.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.12 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

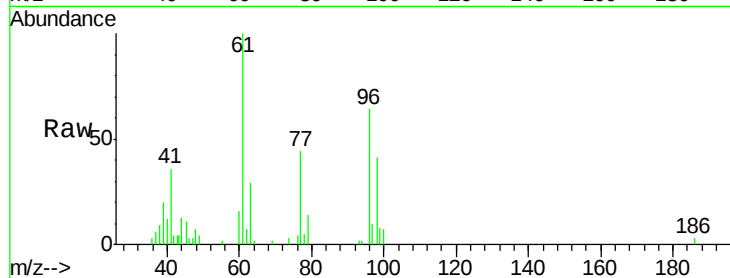
Tgt Ion: 96 Resp: 3743

Ion Ratio Lower Upper

96 100

61 234.7 0.0 301.6

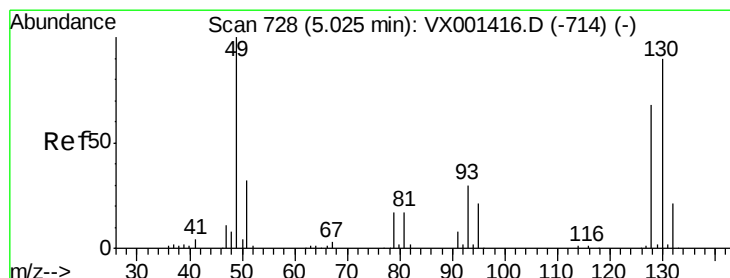
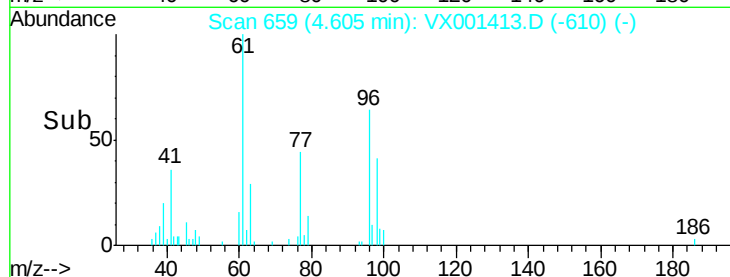
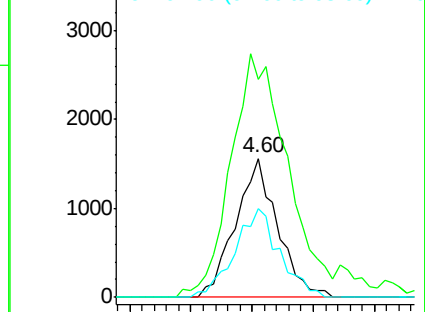
98 67.5 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 1.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

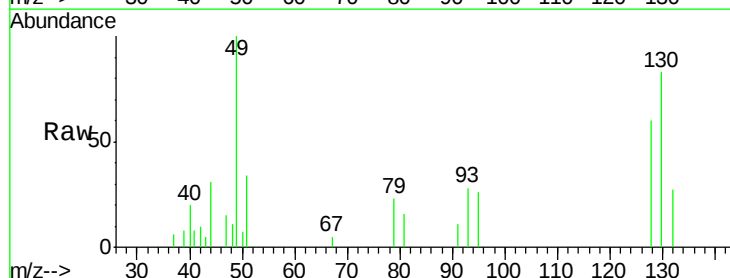
Tgt Ion: 49 Resp: 2900

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

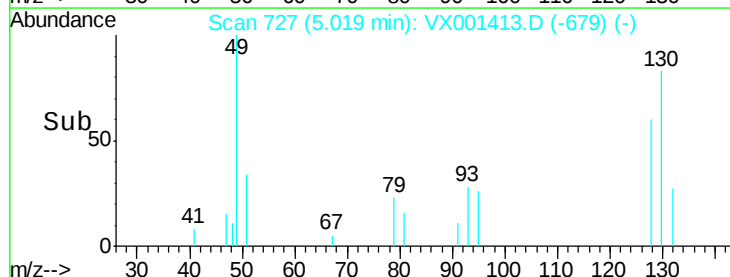
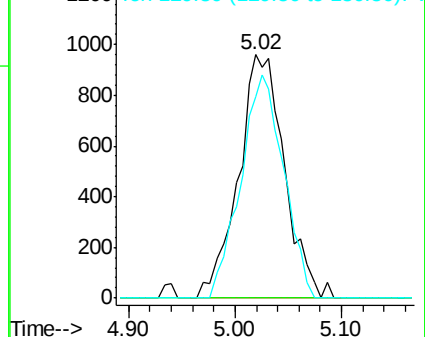
130 86.0 71.9 107.9

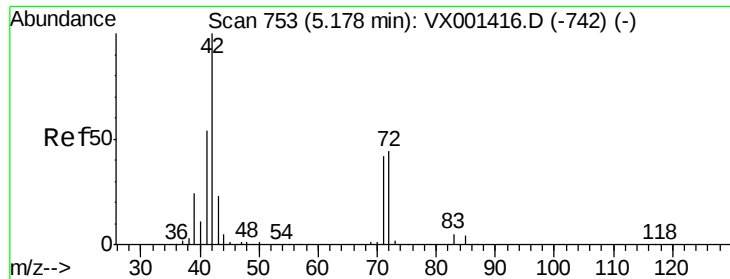


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 6.44 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

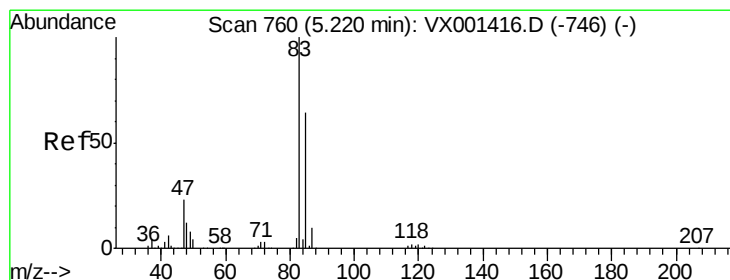
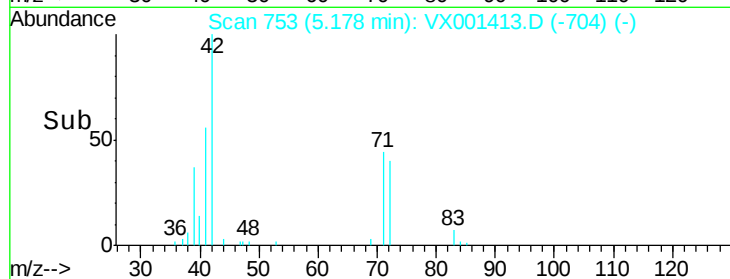
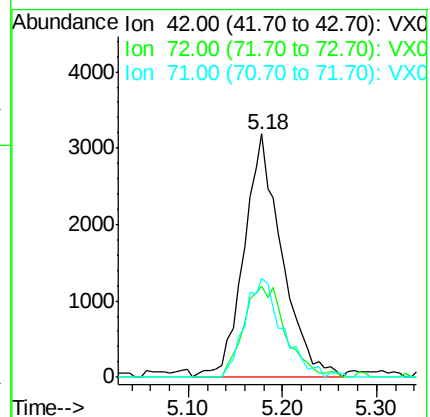
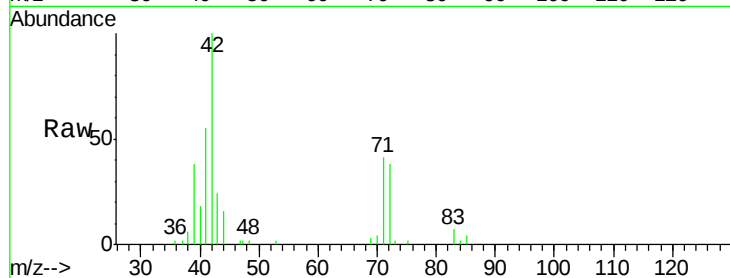
Tgt Ion: 42 Resp: 8953

Ion Ratio Lower Upper

42 100

72 42.1 35.4 53.2

71 41.0 33.0 49.4



#30

Chloroform

Concen: 1.16 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001413.D

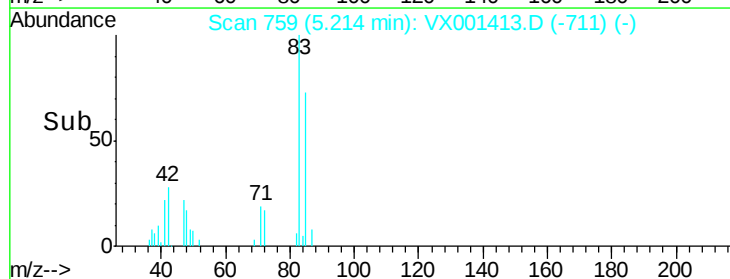
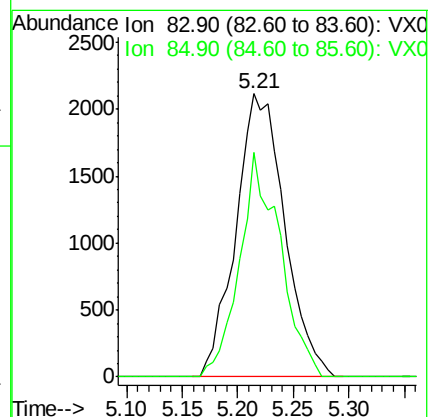
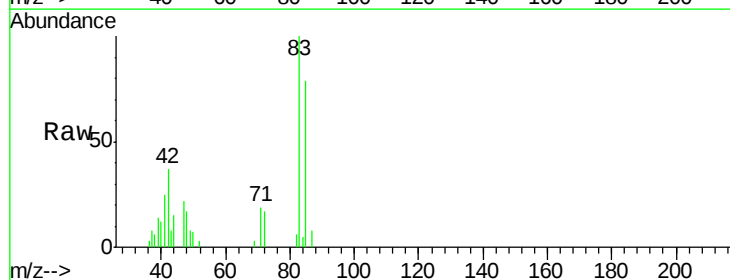
Acq: 05 May 2018 12:04

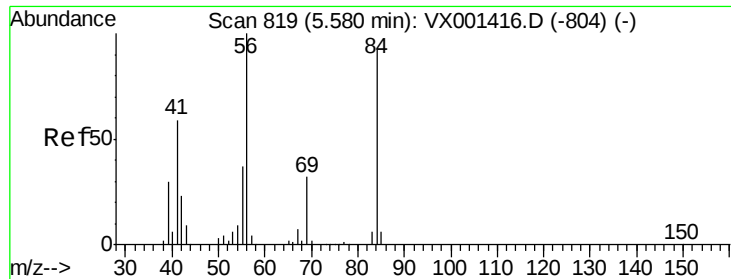
Tgt Ion: 83 Resp: 6442

Ion Ratio Lower Upper

83 100

85 79.4 51.0 76.4#





#31

Cyclohexane

Concen: 1.11 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

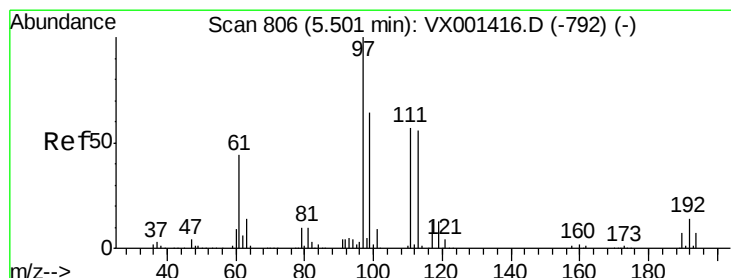
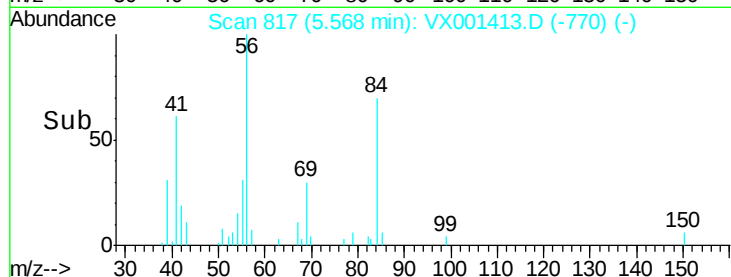
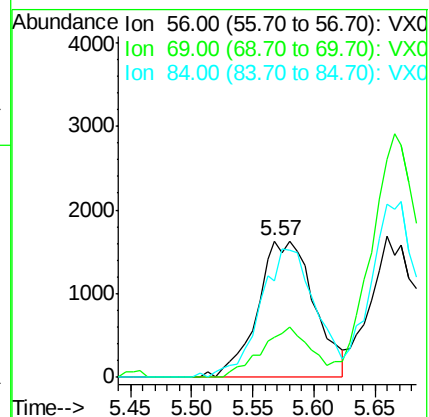
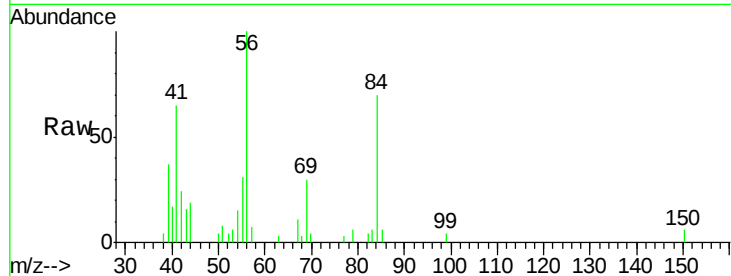
Tgt Ion: 56 Resp: 5251

Ion Ratio Lower Upper

56 100

69 29.7 25.4 38.0

84 70.4 73.8 110.8#



#32

1,1,1-Trichloroethane

Concen: 1.07 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

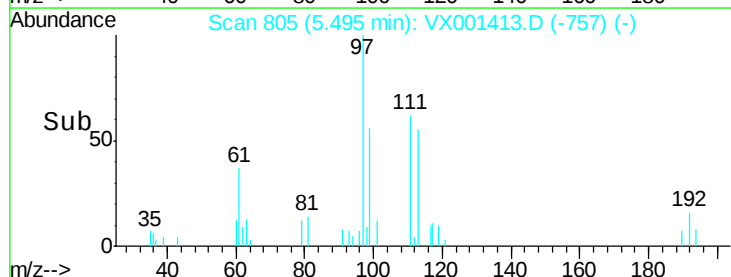
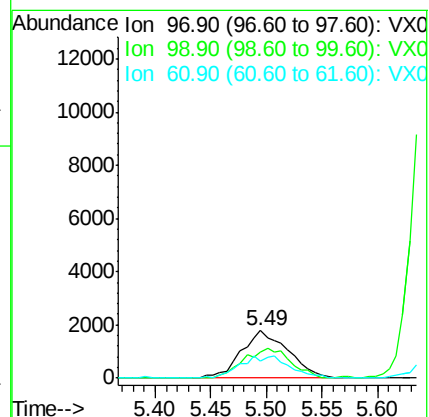
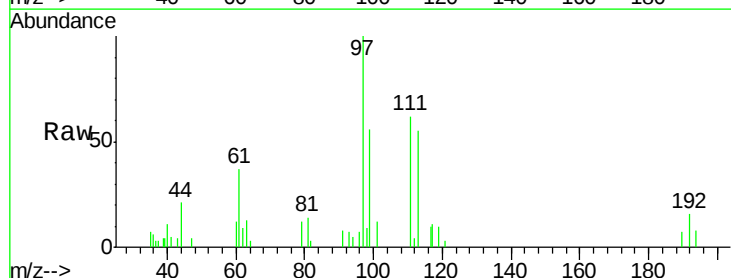
Tgt Ion: 97 Resp: 5200

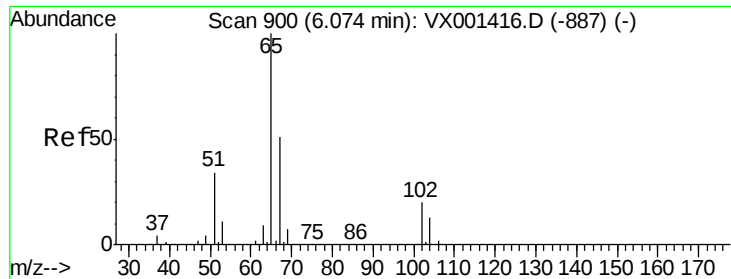
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 48.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 1.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

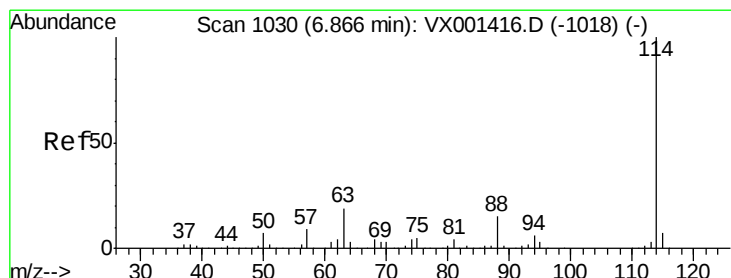
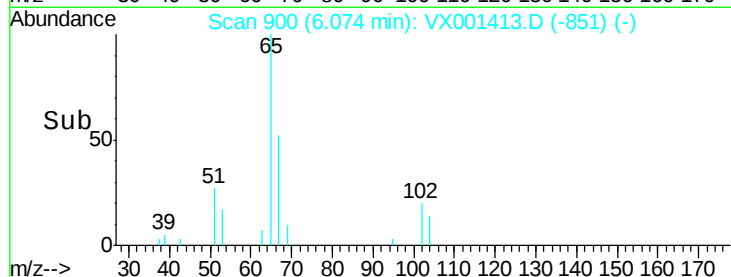
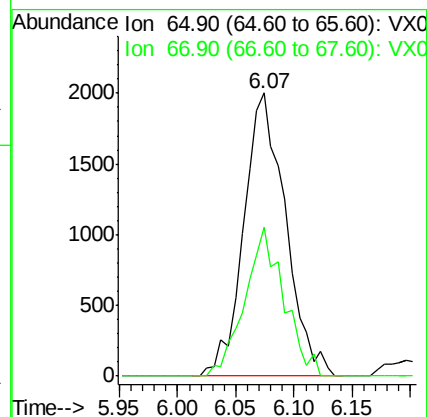
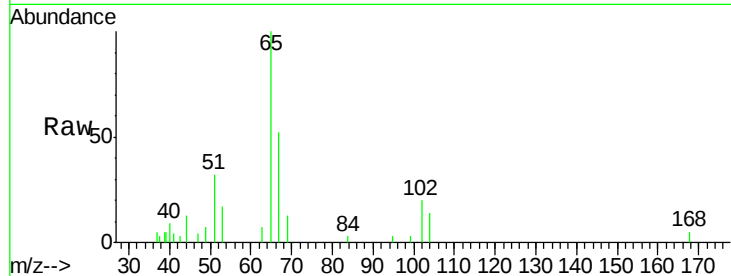
VSTDIC001

Tgt Ion: 65 Resp: 4997

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

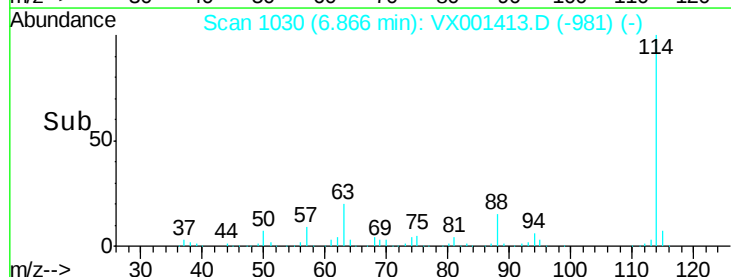
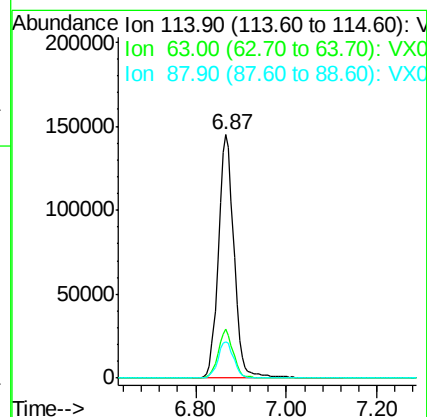
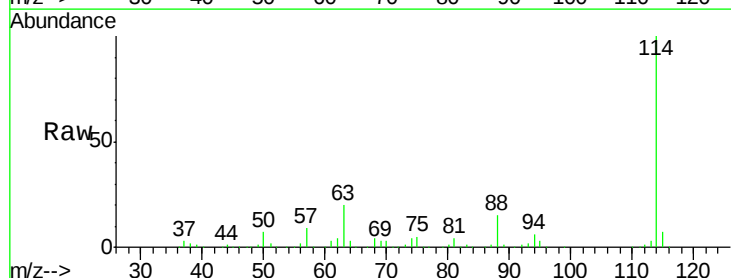
Tgt Ion: 114 Resp: 351048

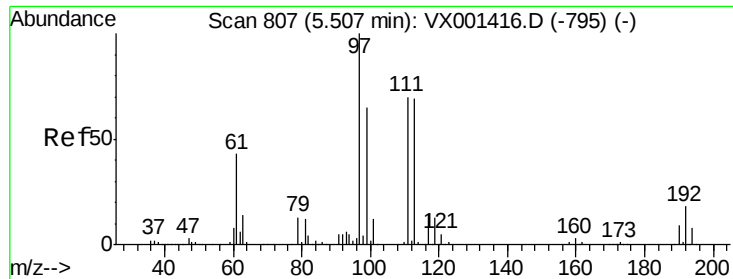
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 14.9 0.0 30.8

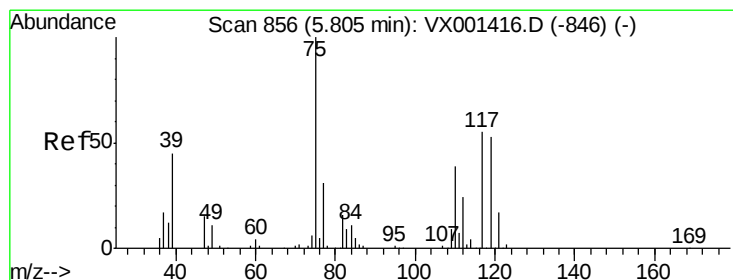
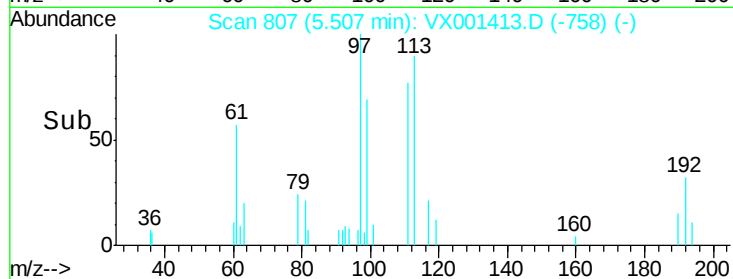
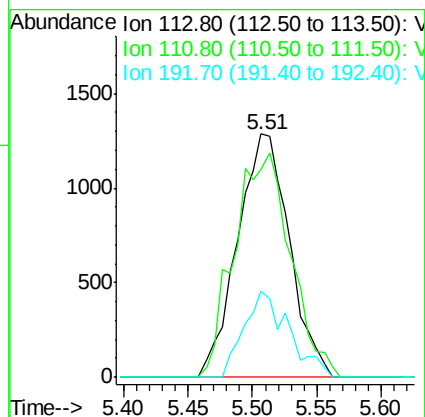
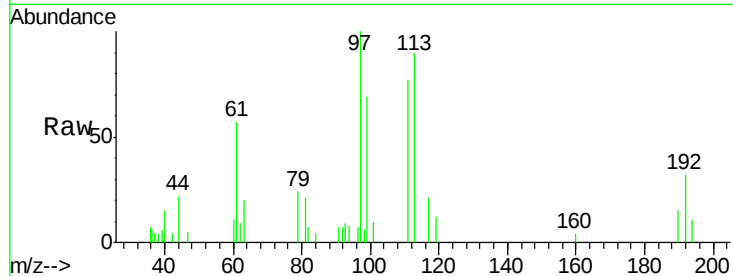




#35
 Dibromofluoromethane
 Concen: 1.18 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

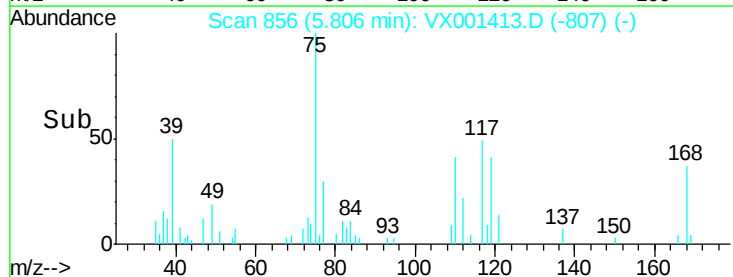
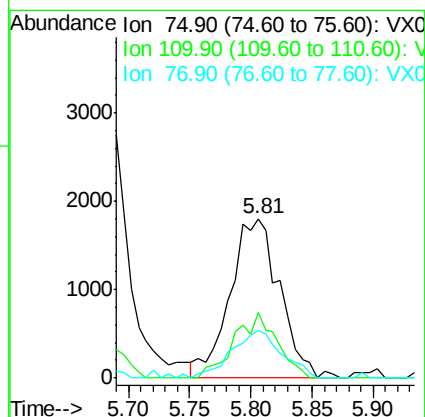
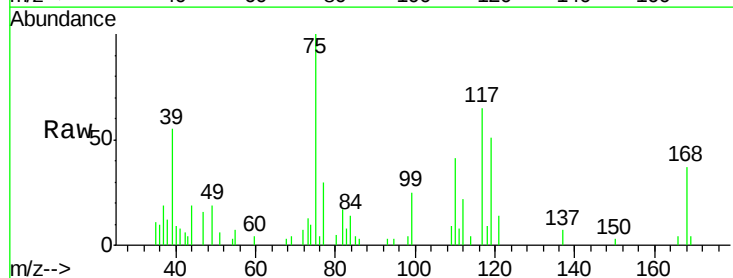
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

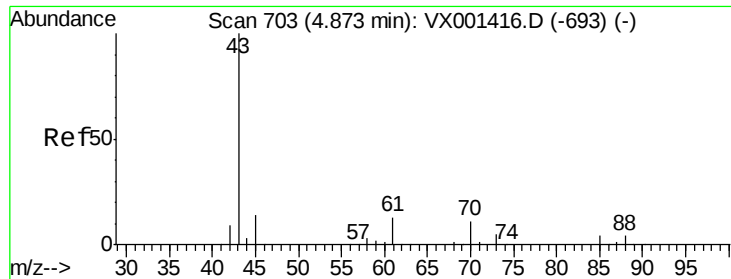
Tgt Ion:113 Resp: 3585
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.2
 192 30.6 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 1.23 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 75 Resp: 5079
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.9 56.7
 77 30.2 24.9 37.3

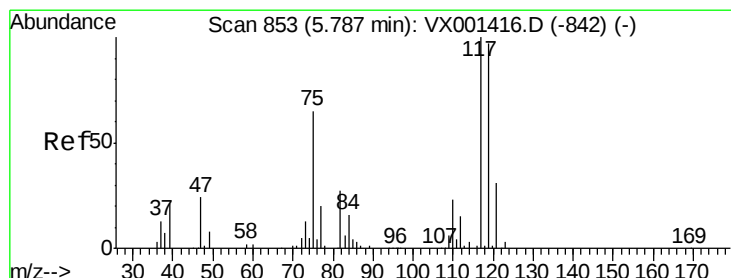
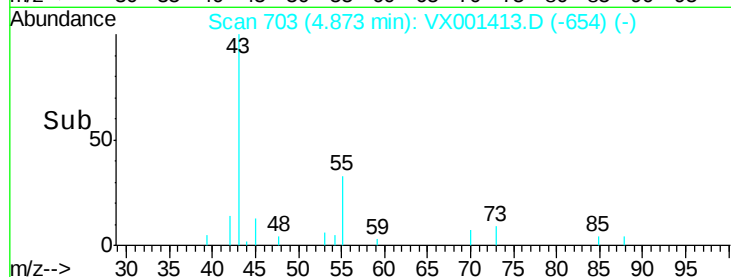
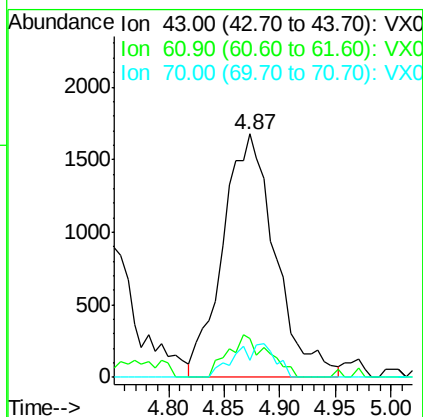
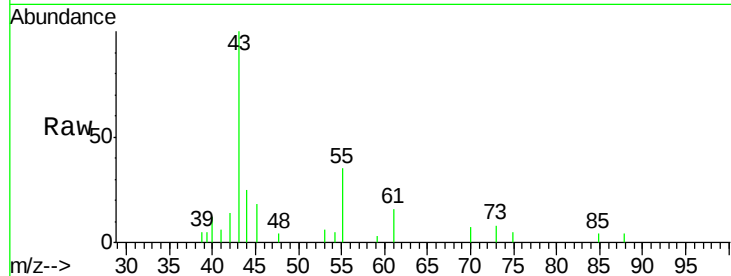




#37
Ethyl Acetate
Concen: 1.30 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

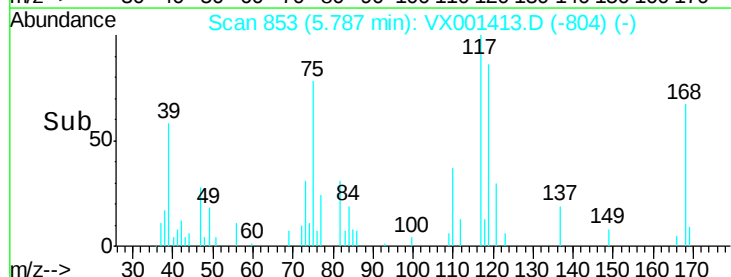
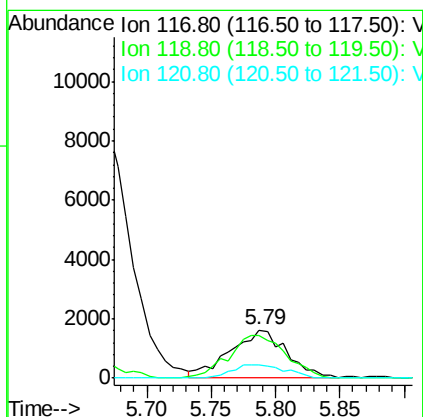
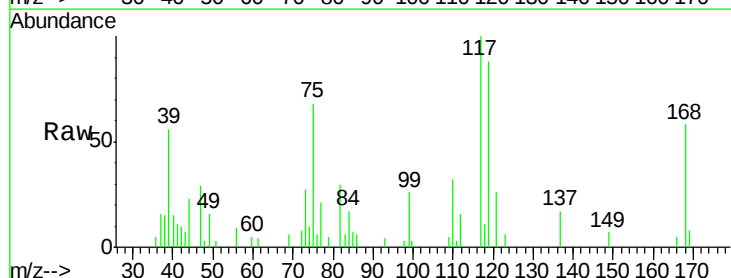
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

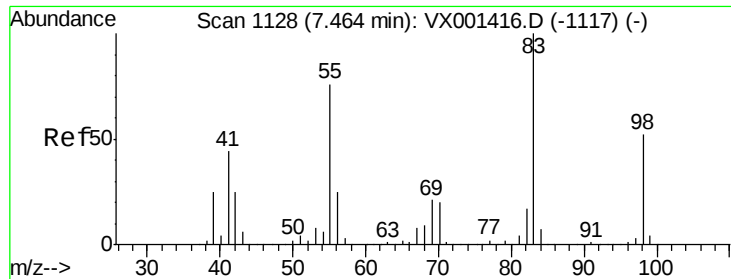
Tgt Ion: 43 Resp: 5498
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 4.9 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.12 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 117 Resp: 4875
Ion Ratio Lower Upper
117 100
119 87.9 77.0 115.6
121 26.5 25.1 37.7

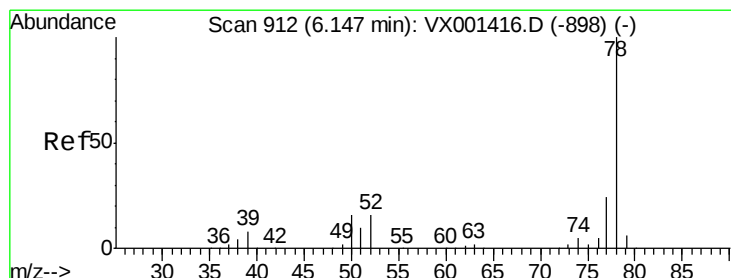
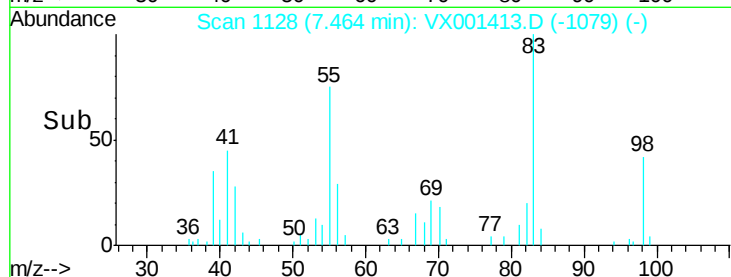
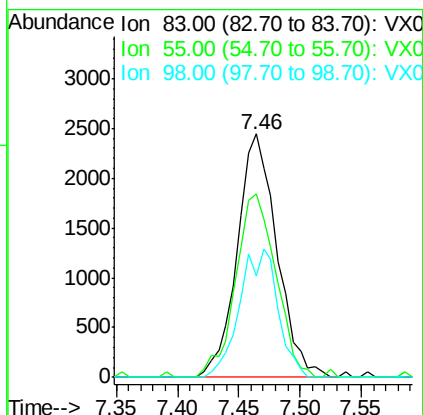
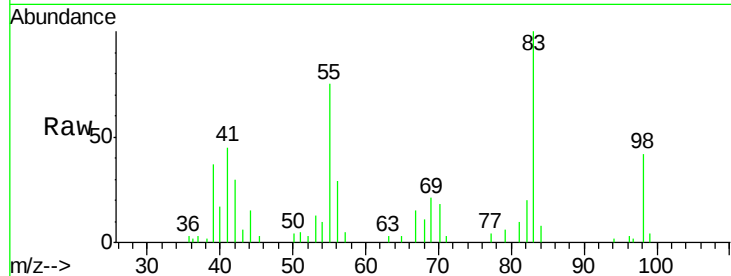




#39
Methylcyclohexane
Concen: 1.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

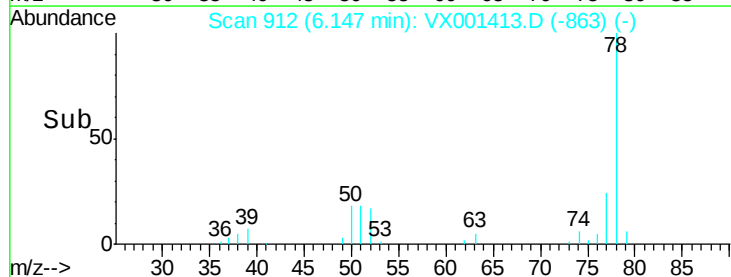
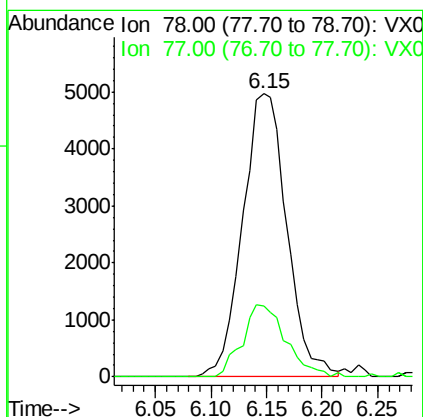
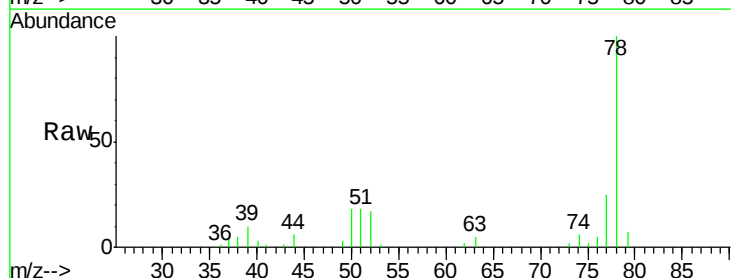
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

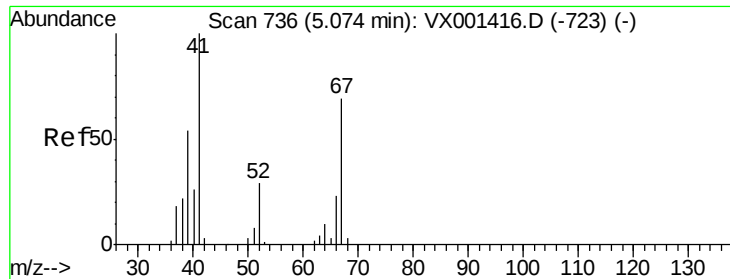
Tgt Ion: 83 Resp: 5510
Ion Ratio Lower Upper
83 100
55 75.3 60.9 91.3
98 41.6 41.9 62.9#



#40
Benzene
Concen: 1.15 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 78 Resp: 13721
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.2

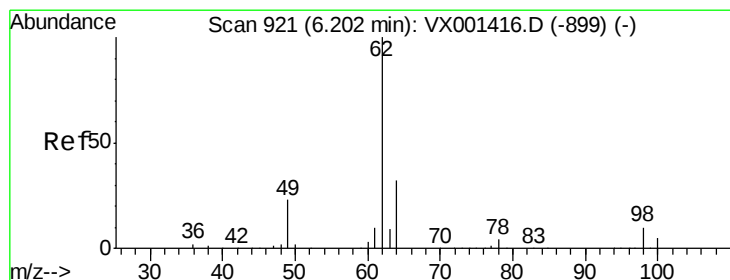
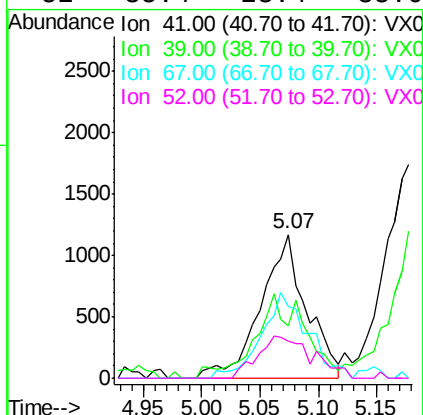
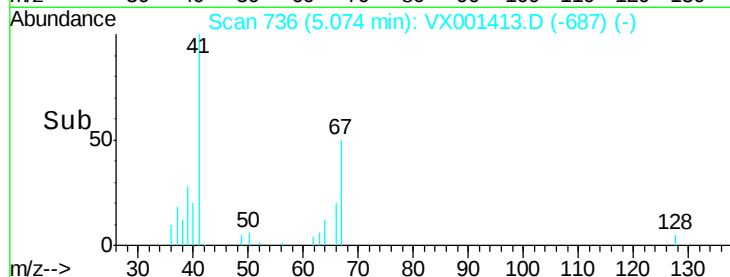
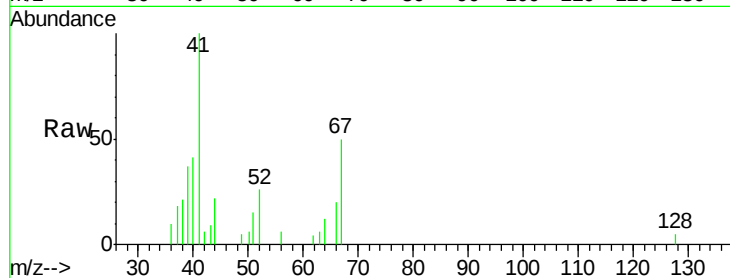




#41
Methacrylonitrile
Concen: 1.29 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

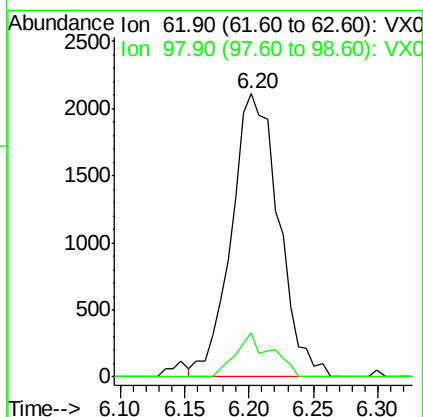
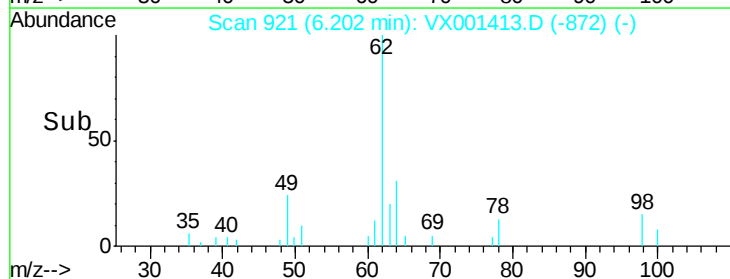
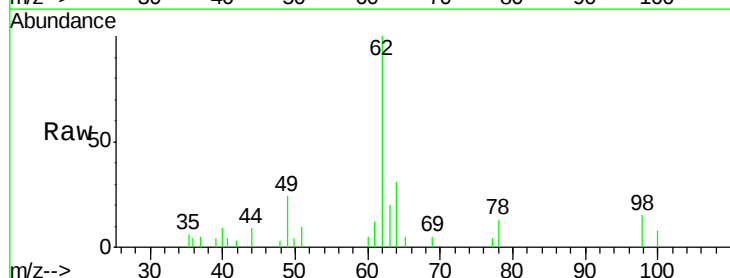
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

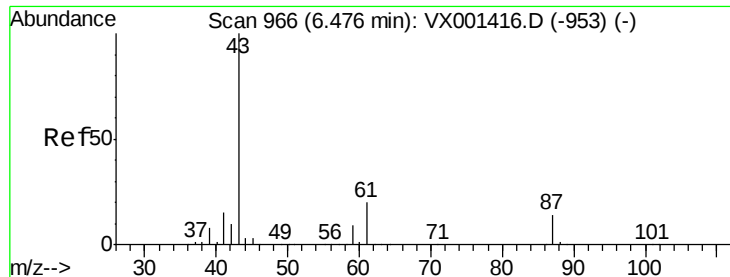
Tgt Ion: 41 Resp: 3169
Ion Ratio Lower Upper
41 100
39 40.8 45.0 67.6#
67 60.8 55.0 82.6
52 35.4 23.4 35.0#



#42
1,2-Dichloroethane
Concen: 1.16 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 62 Resp: 5381
Ion Ratio Lower Upper
62 100
98 11.8 0.0 19.0

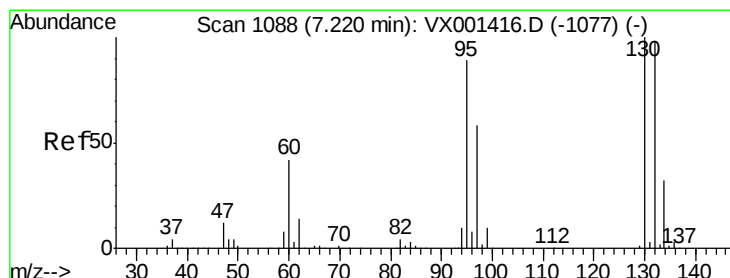
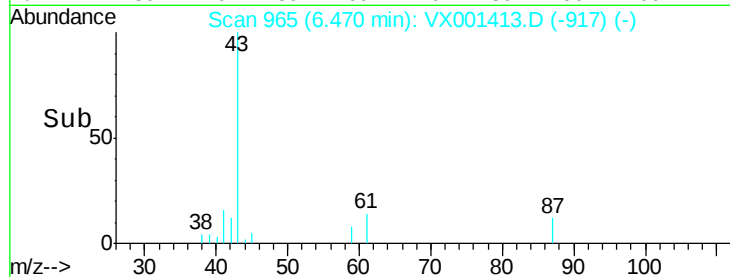
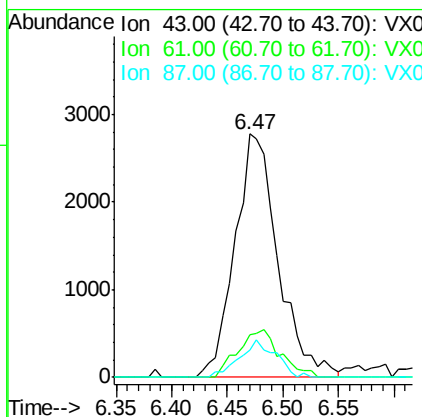
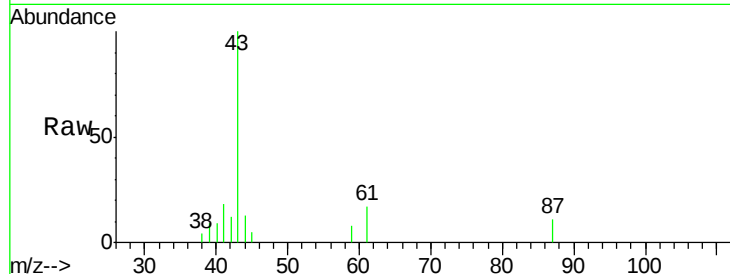




#43
Isopropyl Acetate
Concen: 1.11 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

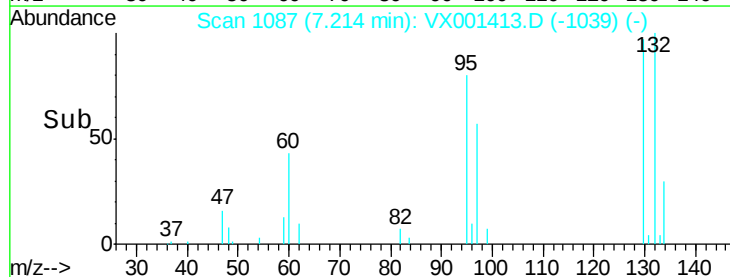
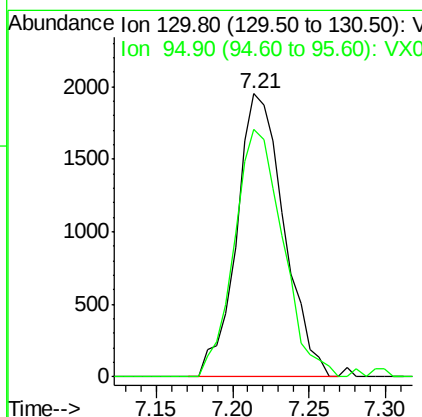
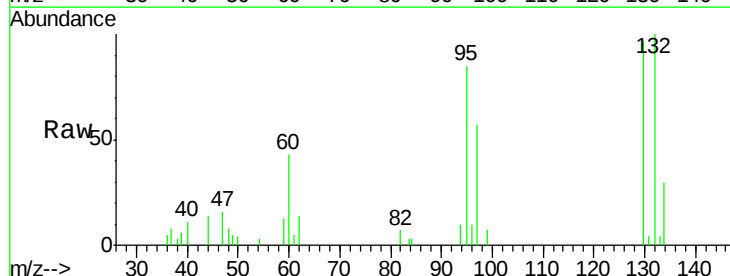
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

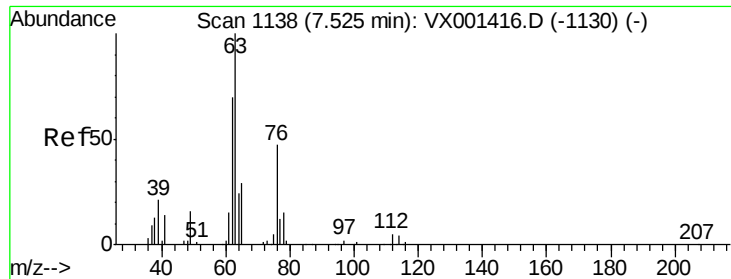
Tgt Ion: 43 Resp: 7495
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.0 10.8 16.2



#44
Trichloroethene
Concen: 1.15 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 130 Resp: 4202
Ion Ratio Lower Upper
130 100
95 87.5 0.0 178.4





#45

1,2-Dichloropropane

Concen: 1.14 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

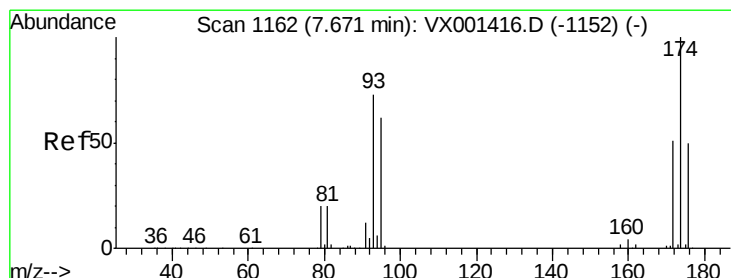
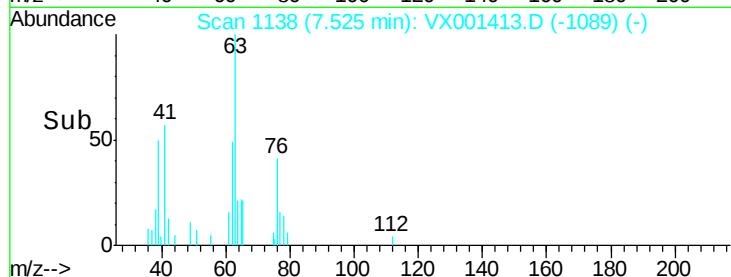
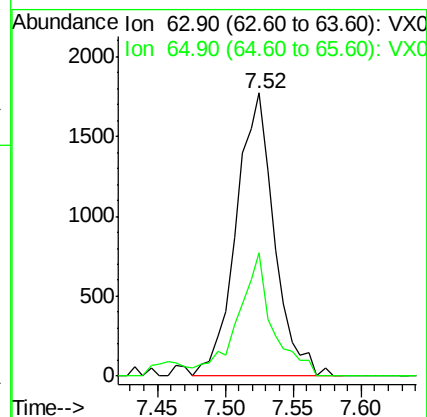
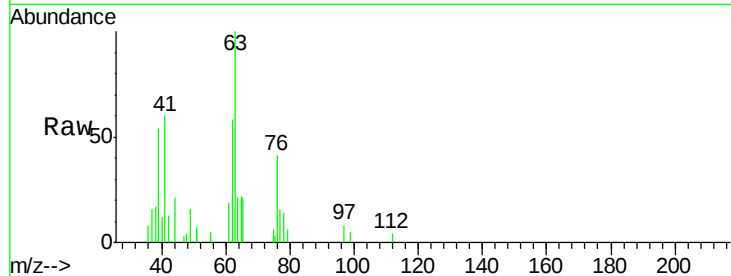
VSTDIC001

Tgt Ion: 63 Resp: 3462

Ion Ratio Lower Upper

63 100

65 43.6 24.5 36.7#



#46

Dibromomethane

Concen: 1.14 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

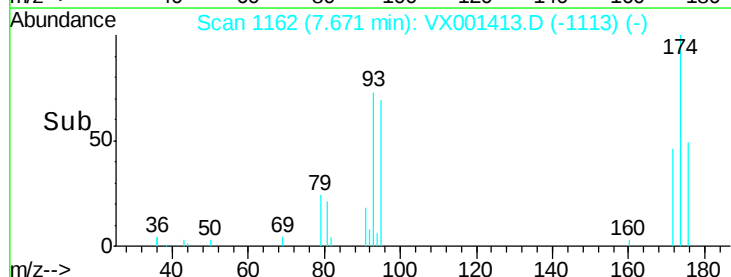
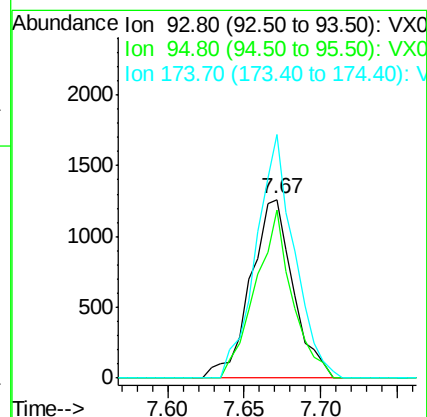
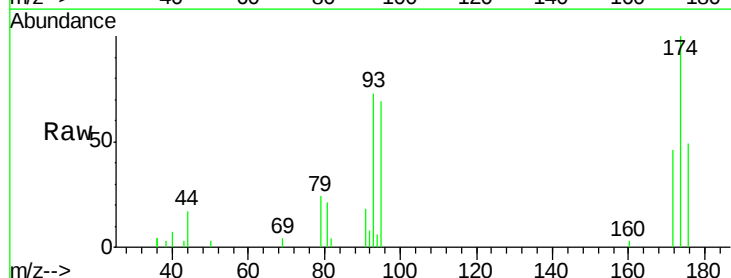
Tgt Ion: 93 Resp: 2436

Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.4

174 123.0 104.5 156.7





#47

Bromodichloromethane

Concen: 1.00 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

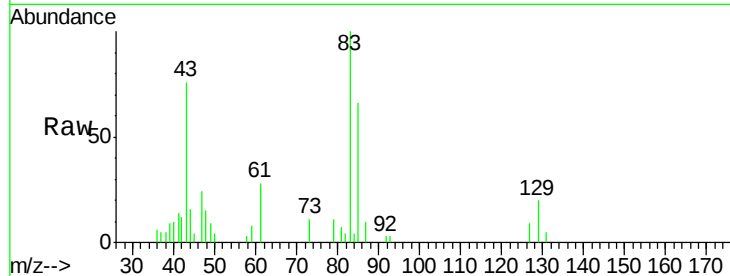
Tgt Ion: 83 Resp: 3854

Ion Ratio Lower Upper

83 100

85 66.5 51.0 76.6

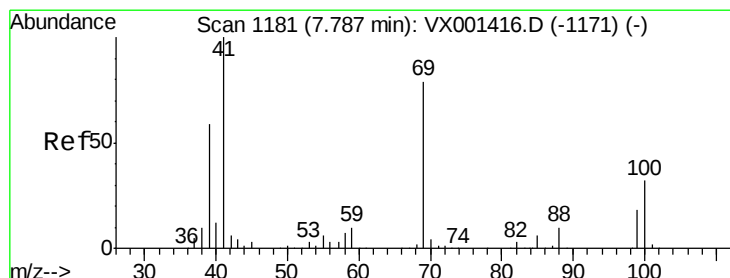
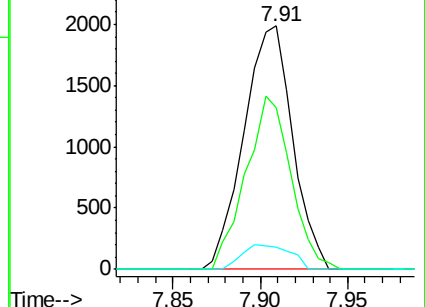
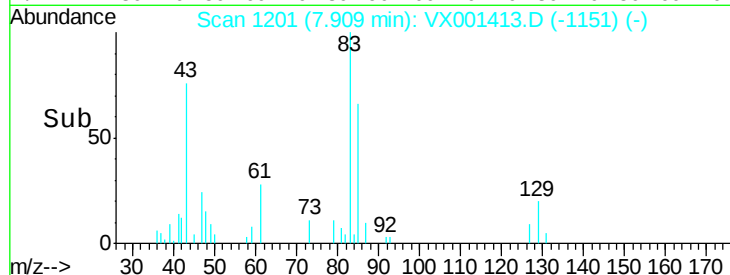
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX001413.D (-1151) (-)

Ion 84.90 (84.60 to 85.60): VX001413.D (-1151) (-)

Ion 126.80 (126.50 to 127.50): VX001413.D (-1151) (-)



#48

Methyl methacrylate

Concen: 1.10 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

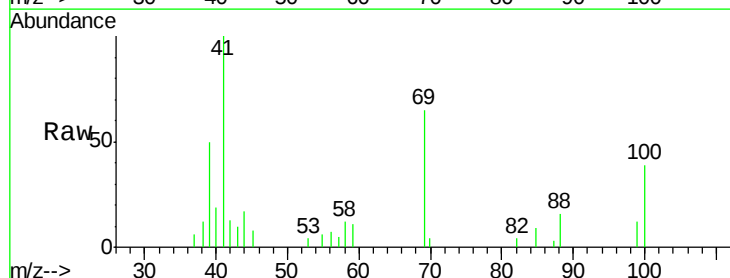
Tgt Ion: 41 Resp: 3985

Ion Ratio Lower Upper

41 100

69 75.2 63.4 95.2

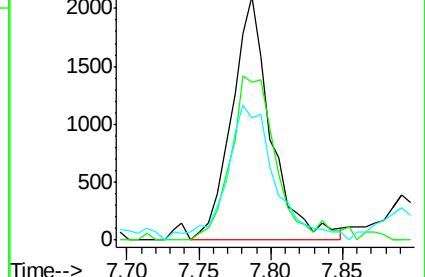
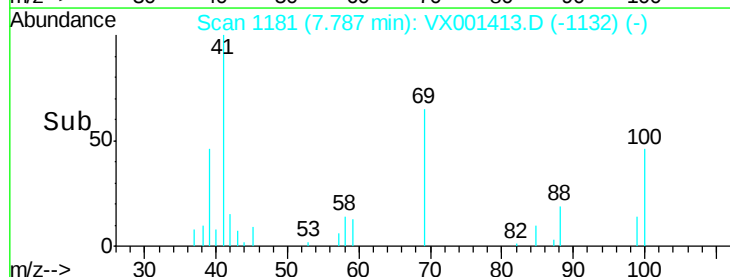
39 68.2 47.0 70.4

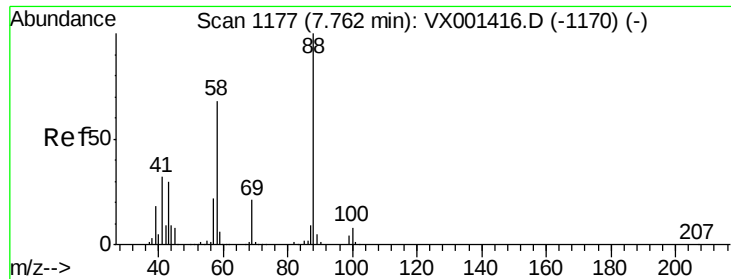


Abundance Ion 41.00 (40.70 to 41.70): VX001413.D (-1132) (-)

Ion 69.00 (68.70 to 69.70): VX001413.D (-1132) (-)

Ion 39.00 (38.70 to 39.70): VX001413.D (-1132) (-)

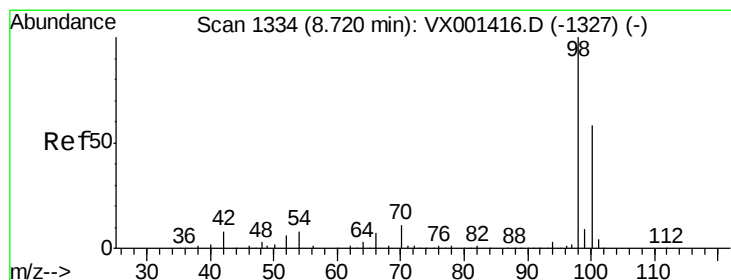
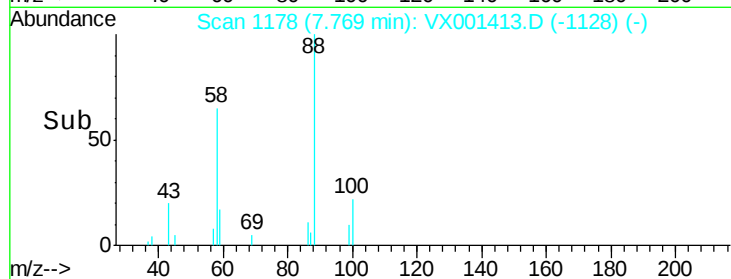
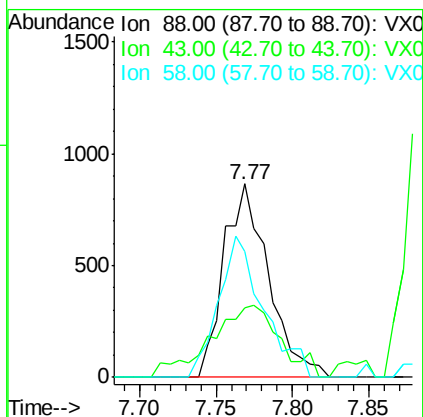
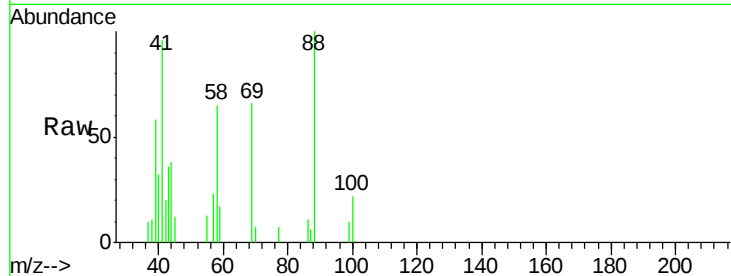




#49
1,4-Dioxane
Concen: 24.95 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

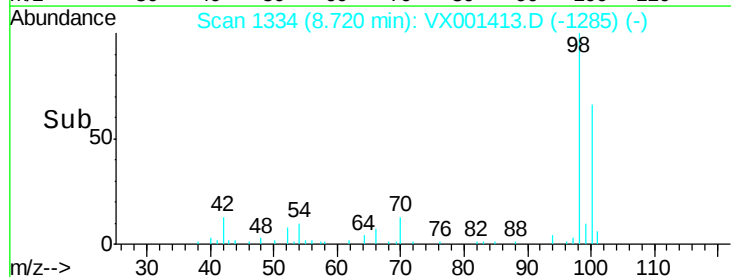
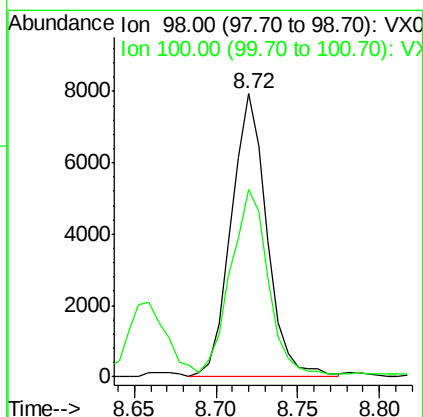
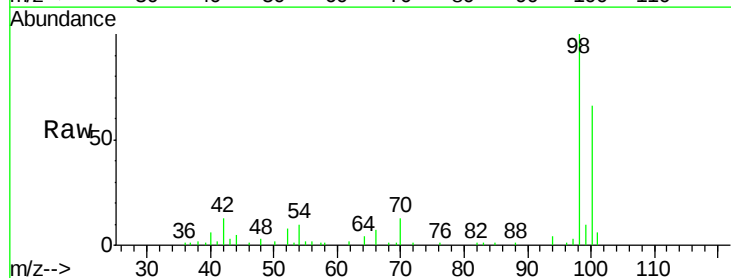
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1750
Ion Ratio Lower Upper
88 100
43 58.7 26.4 39.6#
58 73.0 54.1 81.1



#50
Toluene-d8
Concen: 1.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 98 Resp: 12131
Ion Ratio Lower Upper
98 100
100 68.3 54.0 81.0

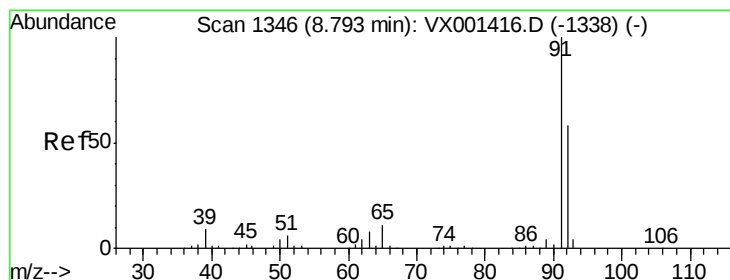
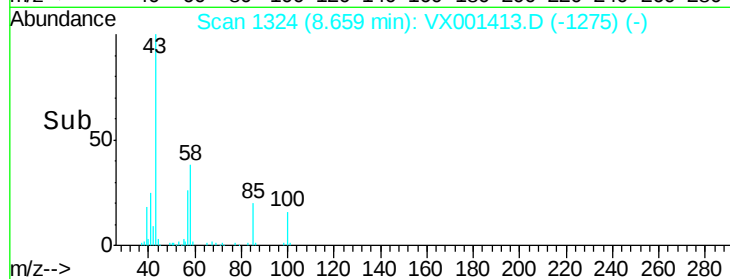
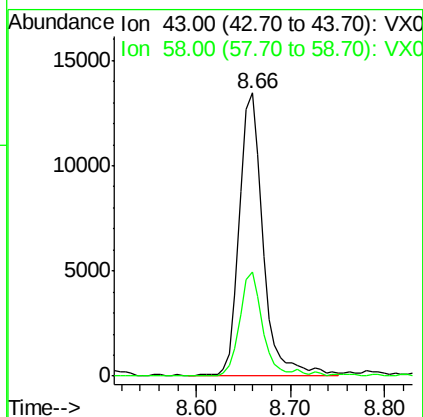
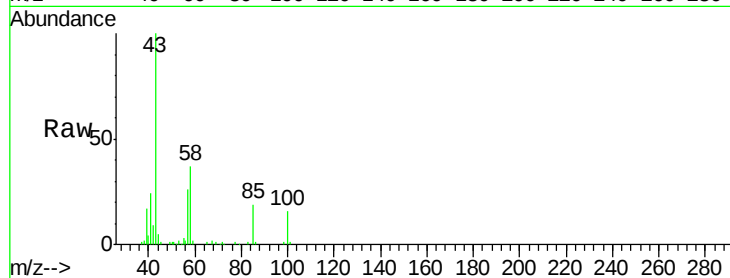




#51
4-Methyl-2-Pentanone
Concen: 5.45 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

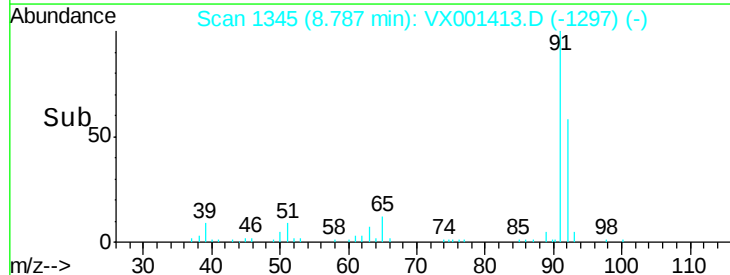
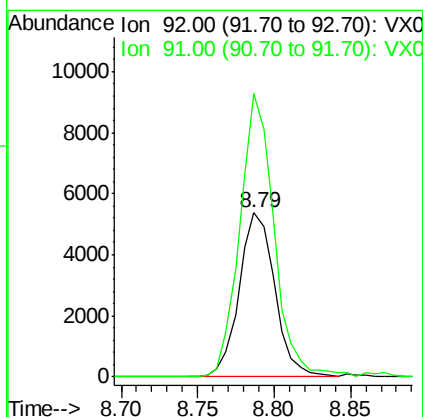
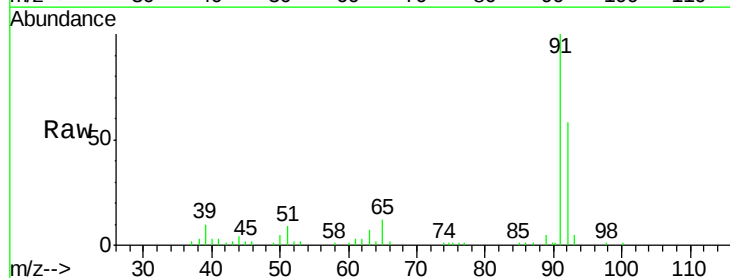
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

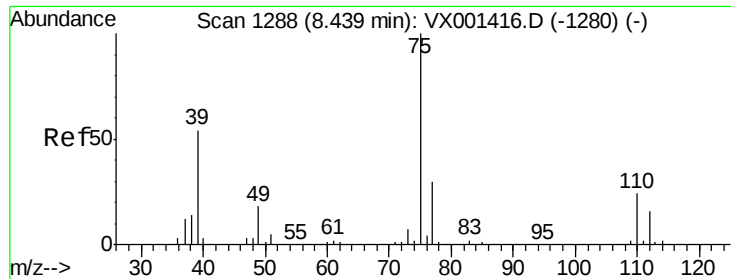
Tgt Ion: 43 Resp: 23916
Ion Ratio Lower Upper
43 100
58 35.5 30.8 46.2



#52
Toluene
Concen: 1.12 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 92 Resp: 8748
Ion Ratio Lower Upper
92 100
91 164.7 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 0.87 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

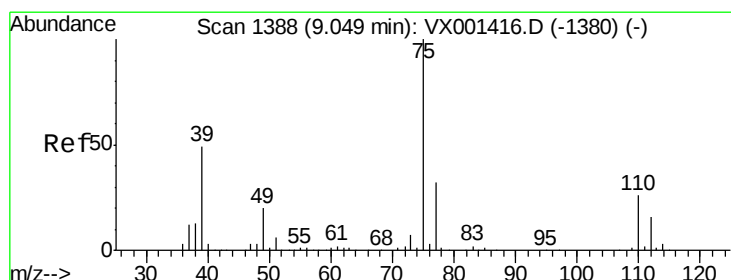
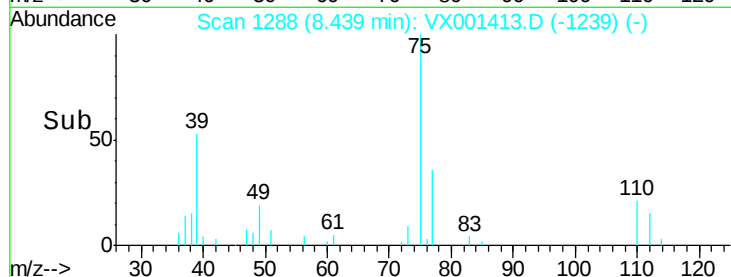
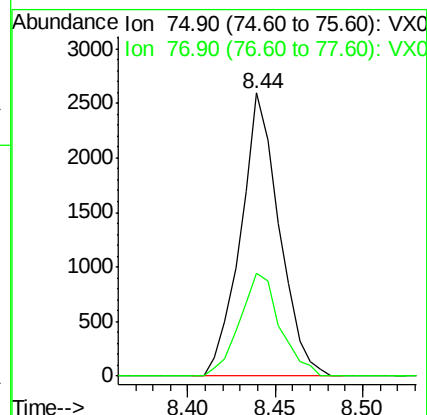
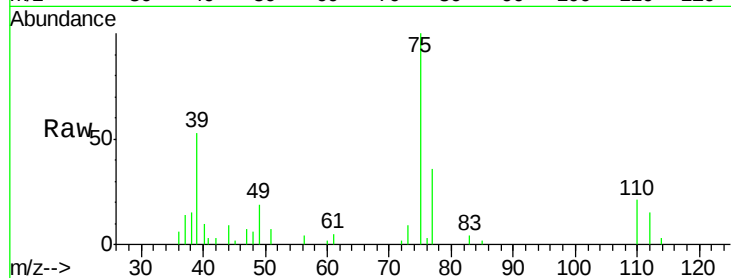
VSTDIC001

Tgt Ion: 75 Resp: 3974

Ion Ratio Lower Upper

75 100

77 36.4 24.2 36.4#



#54

cis-1,3-Dichloropropene

Concen: 0.84 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

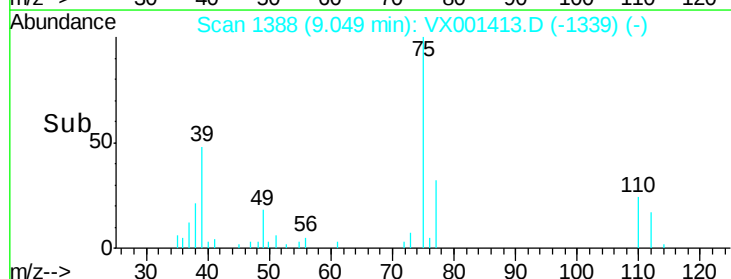
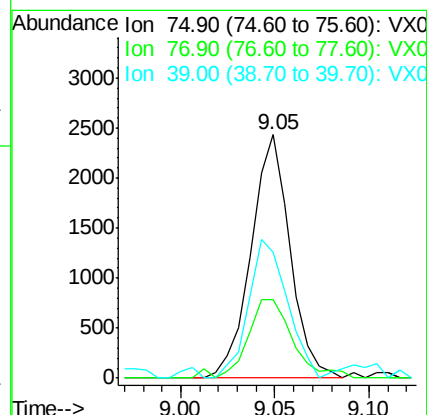
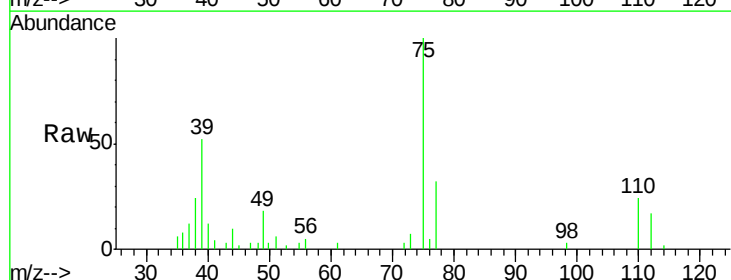
Tgt Ion: 75 Resp: 3490

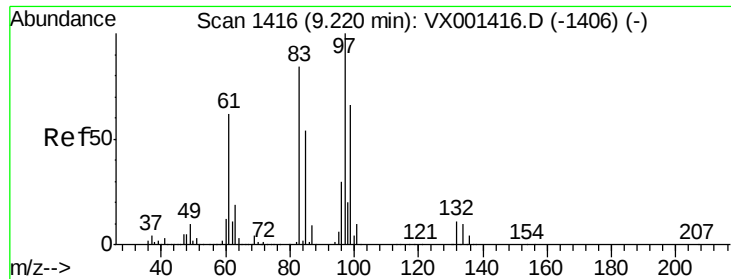
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 47.7 38.9 58.3

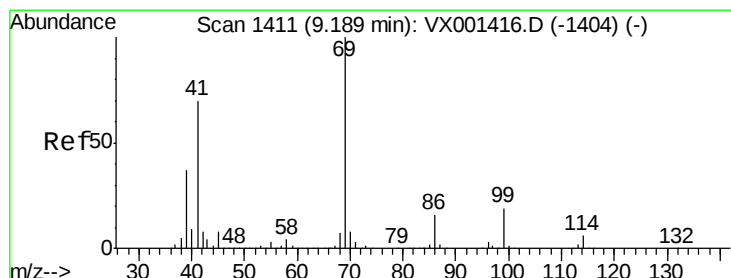
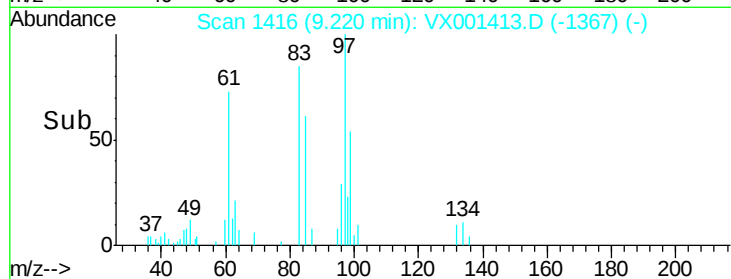
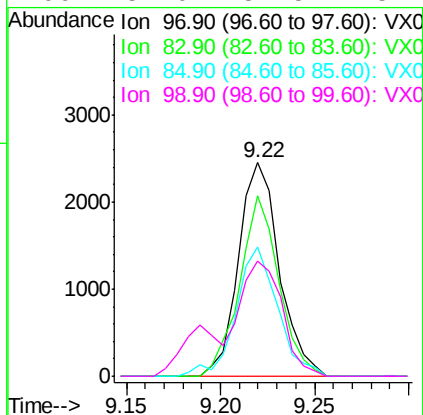
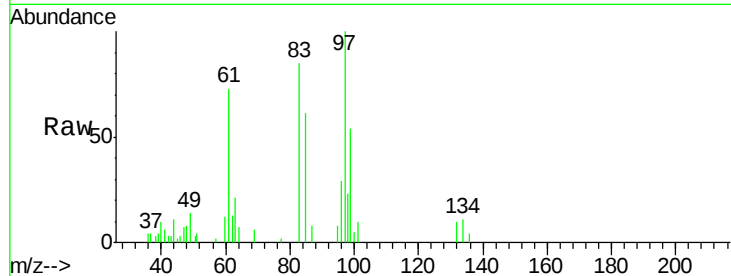




#55
 1,1,2-Trichloroethane
 Concen: 1.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

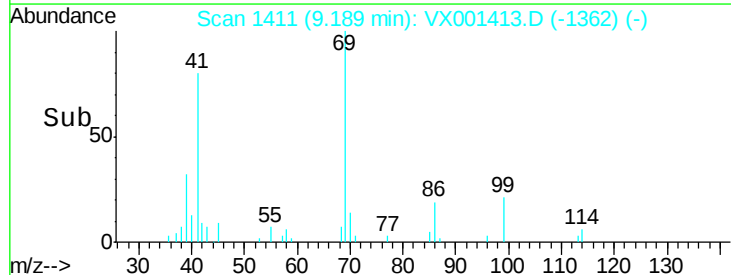
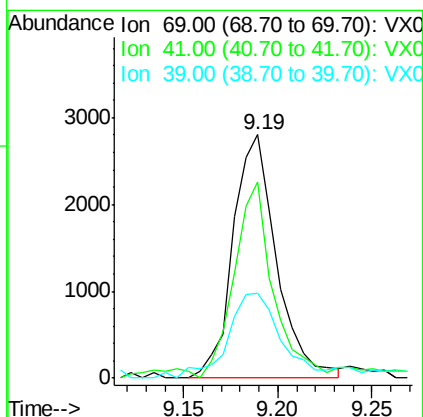
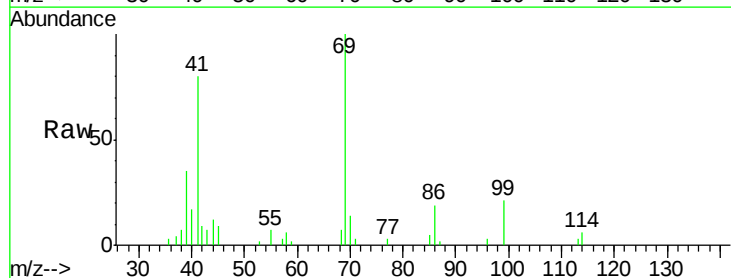
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

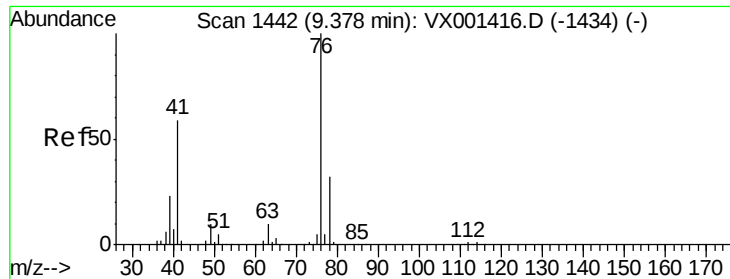
Tgt Ion:	97	Resp:	3685
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	60.7	43.3	64.9
99	54.0	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 1.02 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion:	69	Resp:	4484
Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.1	82.7
39	42.6	29.9	44.9

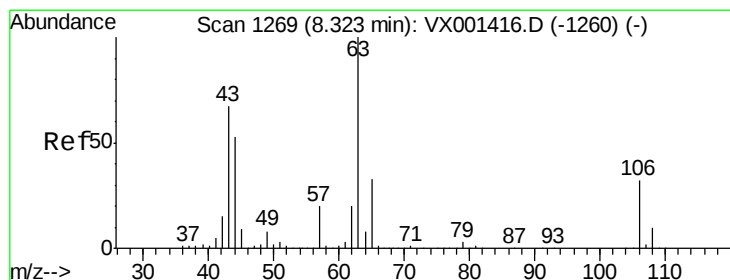
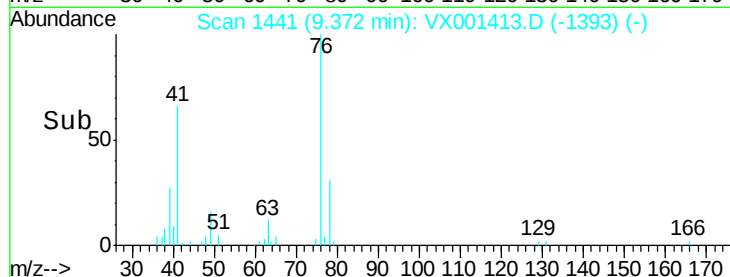
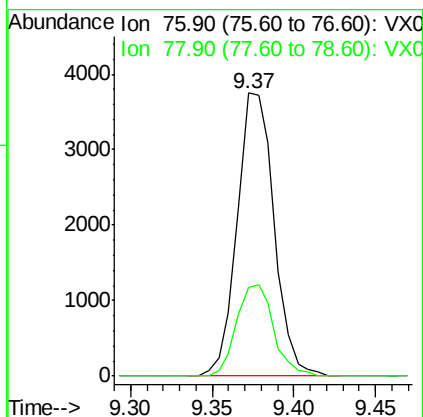
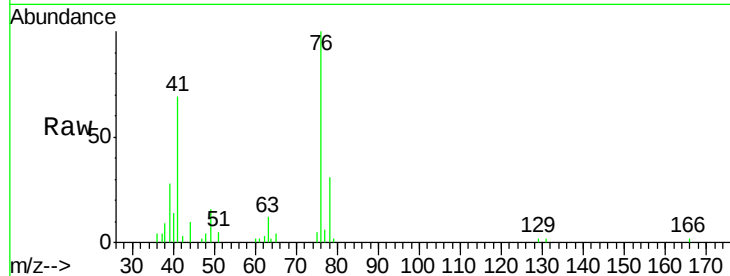




#57
 1,3-Dichloropropane
 Concen: 1.17 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

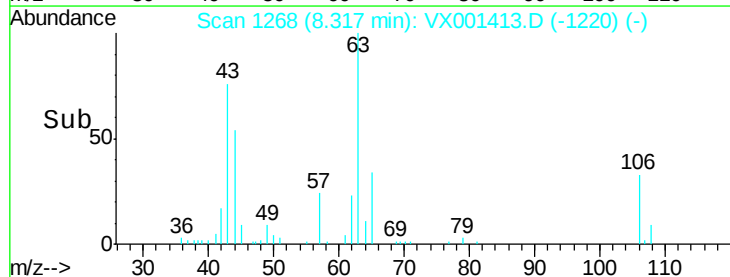
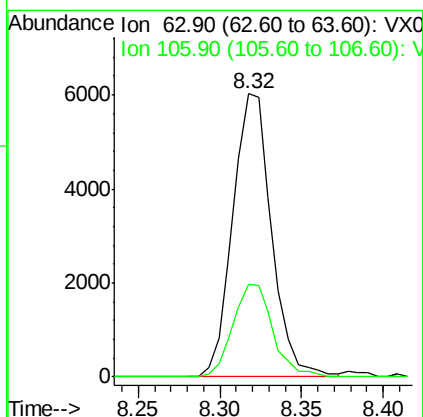
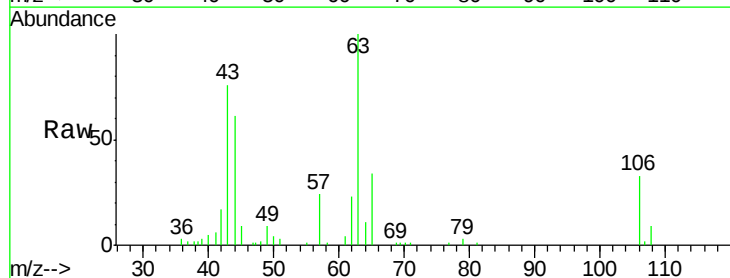
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

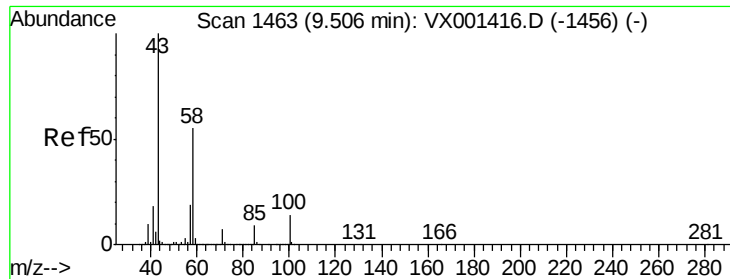
Tgt Ion: 76 Resp: 5920
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.70 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 63 Resp: 10012
 Ion Ratio Lower Upper
 63 100
 106 33.5 25.4 38.0

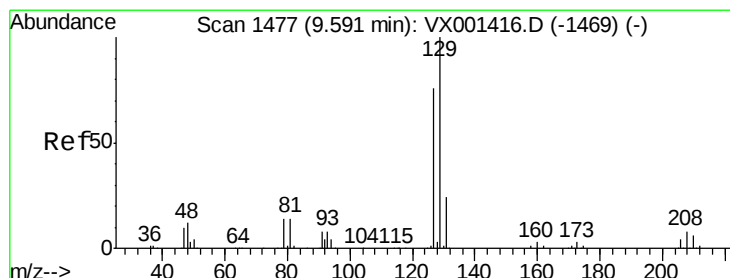
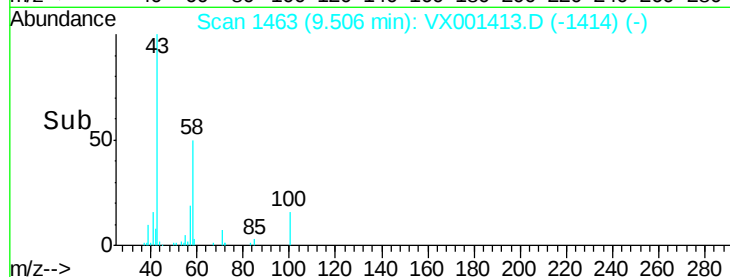
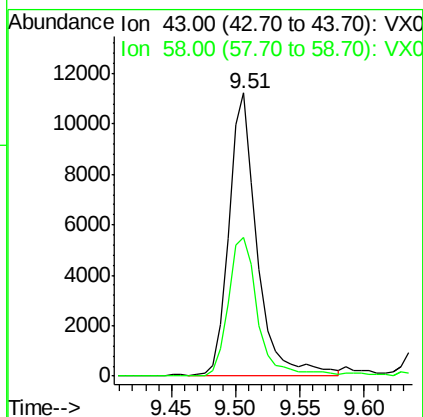
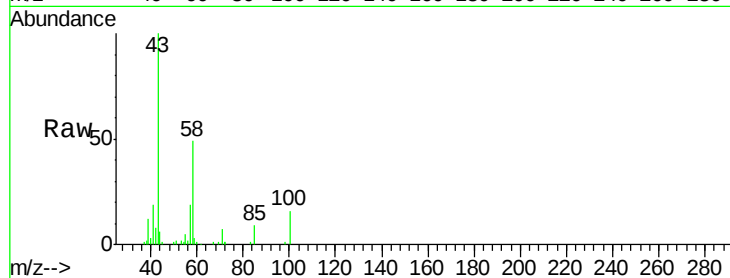




#59
2-Hexanone
Concen: 5.04 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

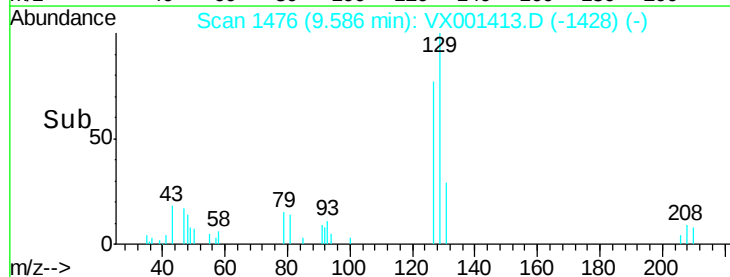
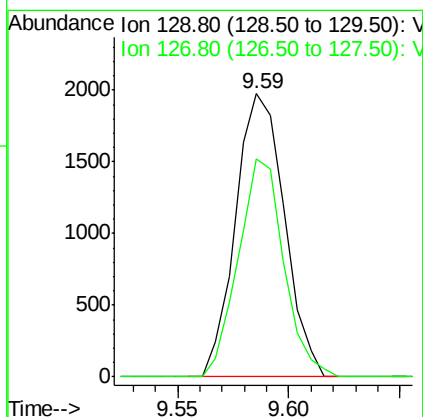
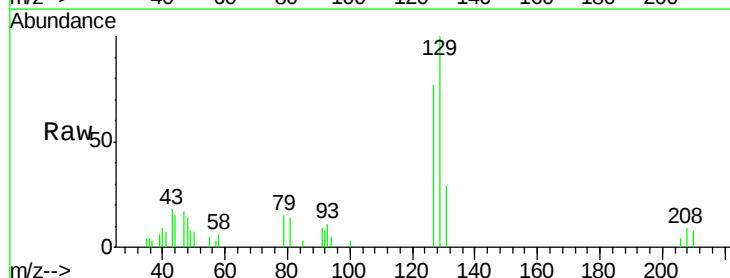
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

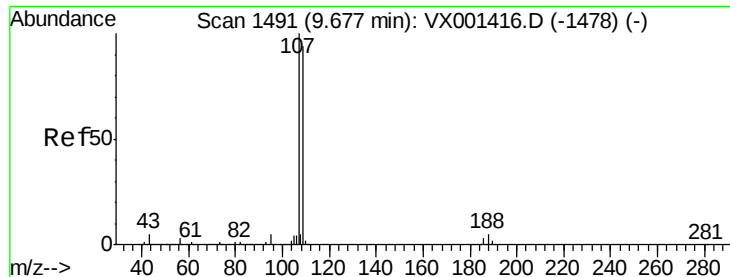
Tgt Ion: 43 Resp: 17236
Ion Ratio Lower Upper
43 100
58 51.1 27.1 81.2



#60
Dibromochloromethane
Concen: 0.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 129 Resp: 3013
Ion Ratio Lower Upper
129 100
127 72.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 1.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

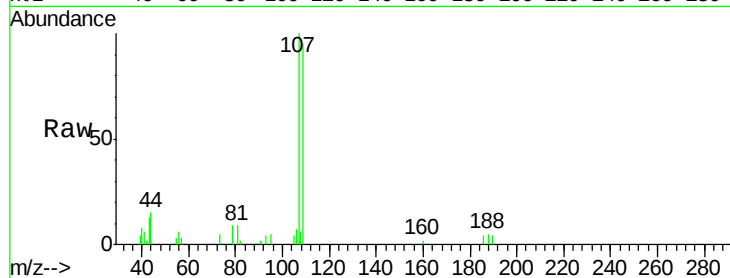
VSTDIC001

Tgt Ion: 107 Resp: 3530

Ion Ratio Lower Upper

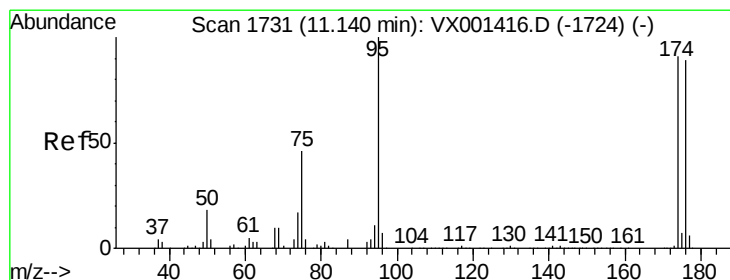
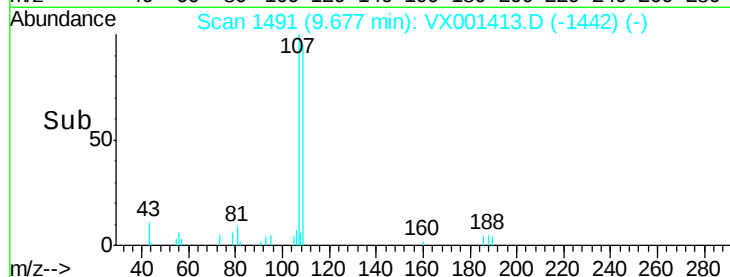
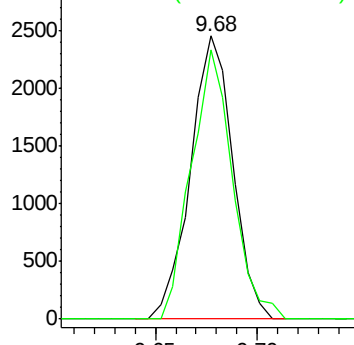
107 100

109 92.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

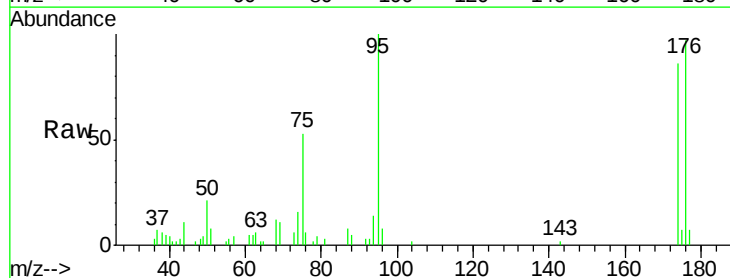
Tgt Ion: 95 Resp: 4207

Ion Ratio Lower Upper

95 100

174 102.7 0.0 202.0

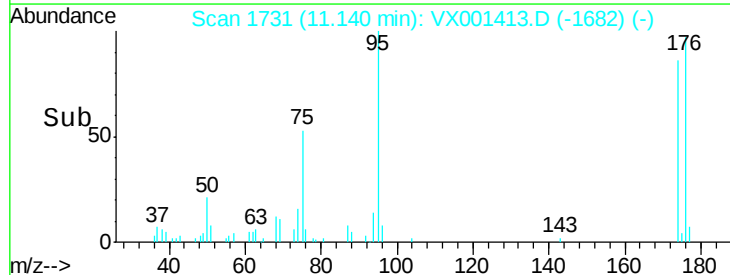
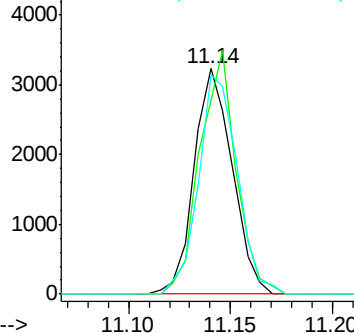
176 99.5 0.0 197.4

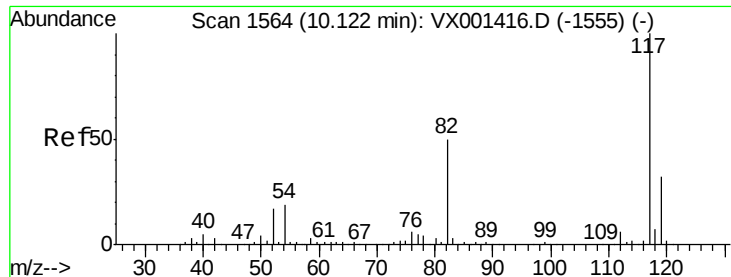


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

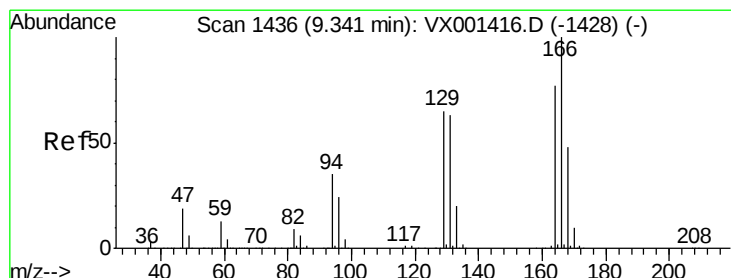
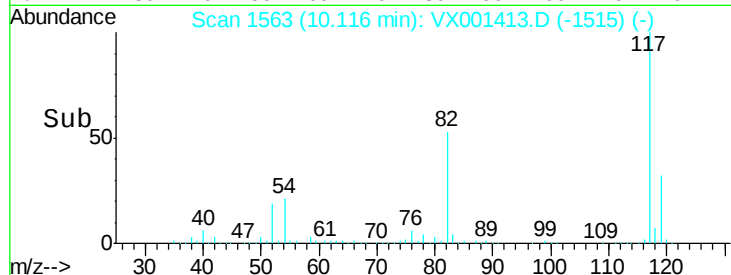
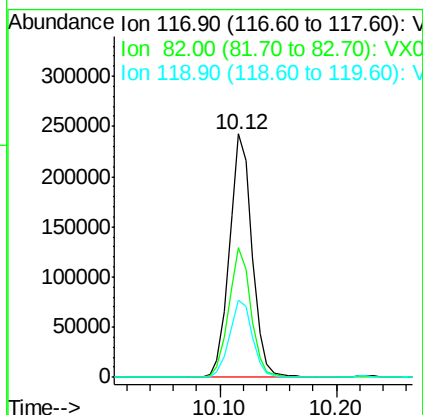
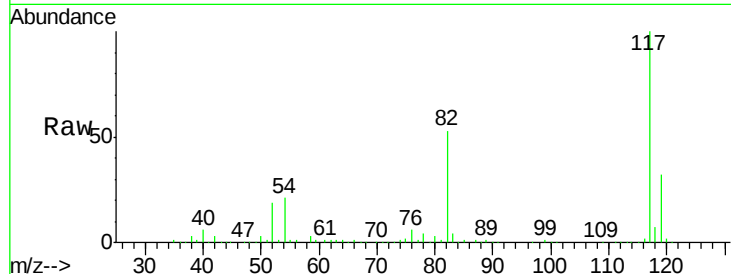




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

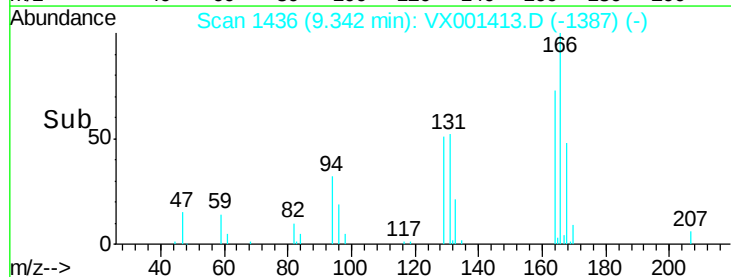
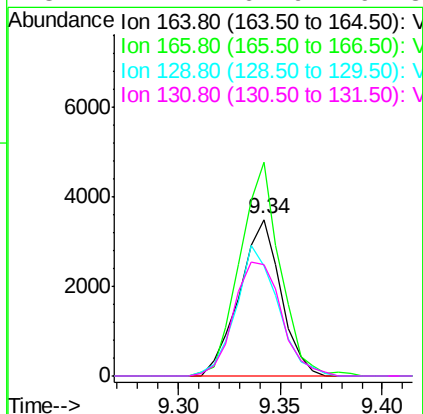
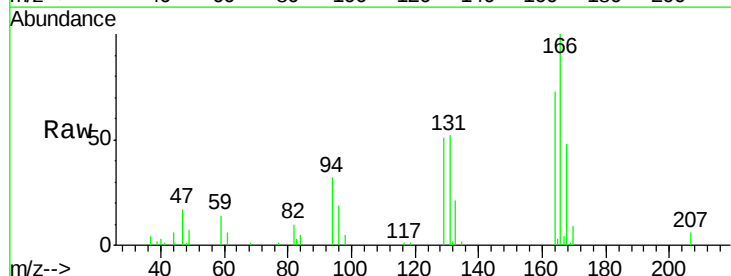
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

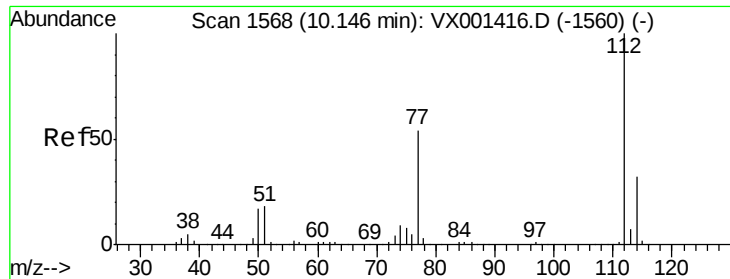
Tgt Ion:117 Resp: 327270
Ion Ratio Lower Upper
117 100
82 53.0 40.0 60.0
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 1.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:164 Resp: 4925
Ion Ratio Lower Upper
164 100
166 136.6 103.5 155.3
129 70.1 66.7 100.1
131 71.1 64.9 97.3

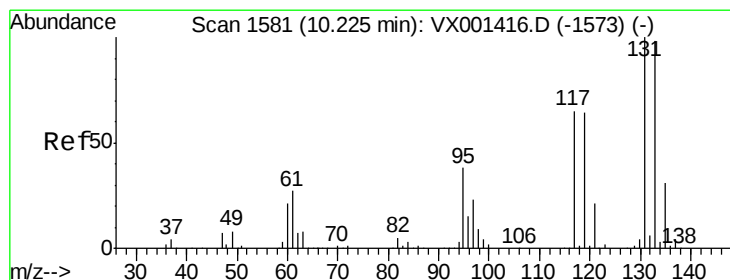
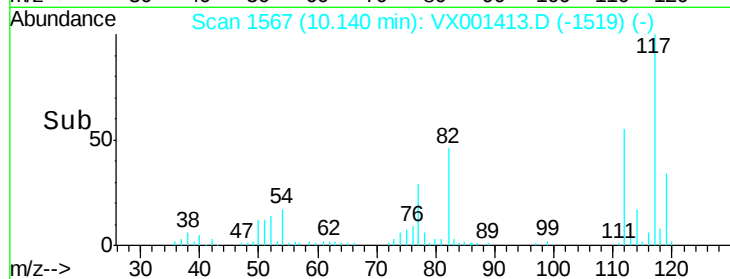
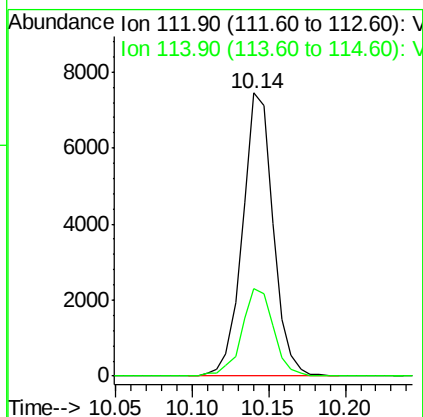
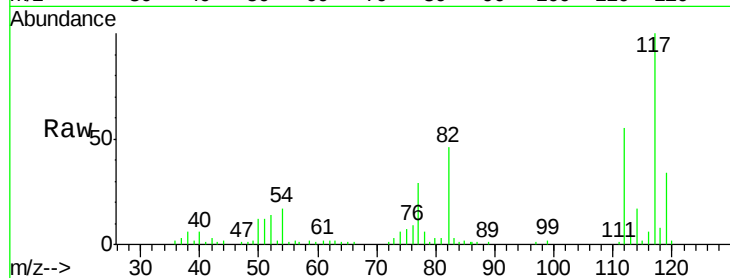




#65
Chlorobenzene
Concen: 1.14 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

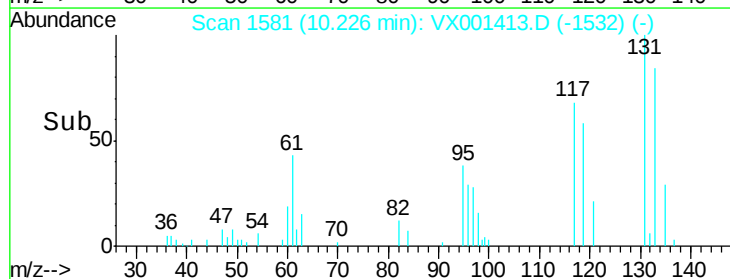
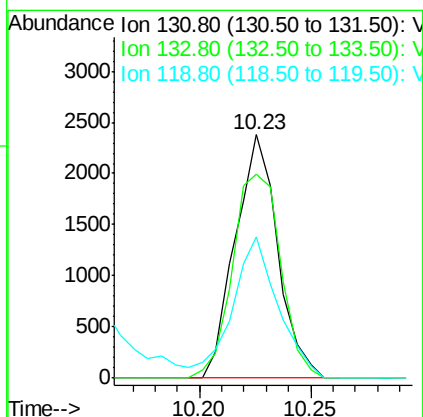
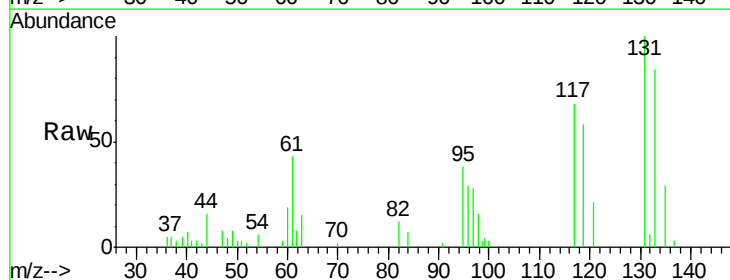
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

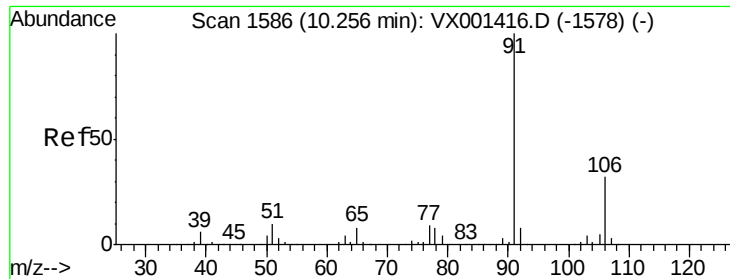
Tgt Ion:112 Resp: 10325
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:131 Resp: 3155
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 0.0 31.1 93.3#





#67

Ethyl Benzene

Concen: 1.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

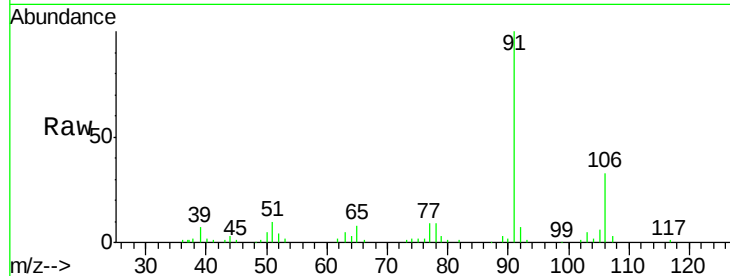
VSTDIC001

Tgt Ion: 91 Resp: 16236

Ion Ratio Lower Upper

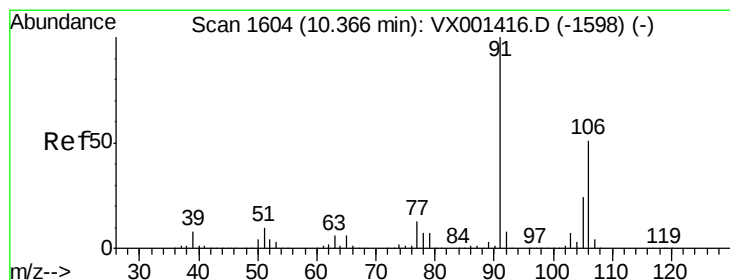
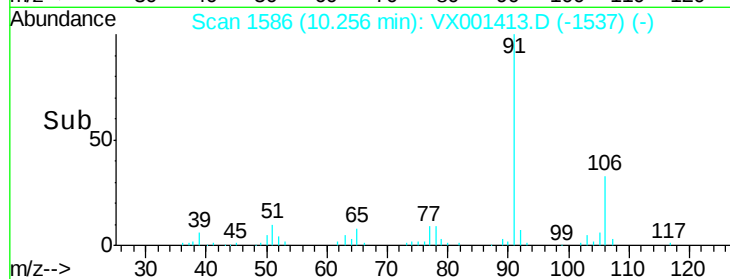
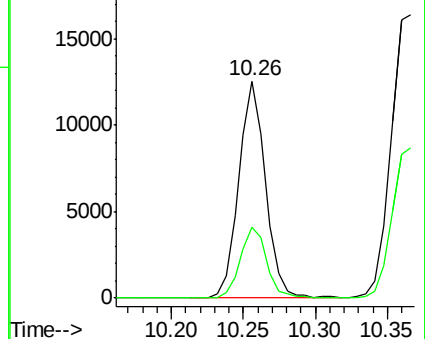
91 100

106 32.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX001413.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX001413.D (-1578) (-)



#68

m/p-Xylenes

Concen: 2.06 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001413.D

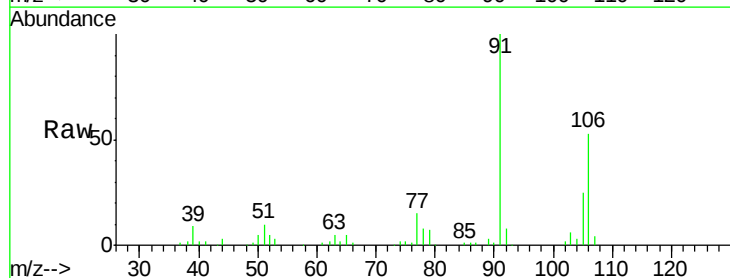
Acq: 05 May 2018 12:04

Tgt Ion: 106 Resp: 12114

Ion Ratio Lower Upper

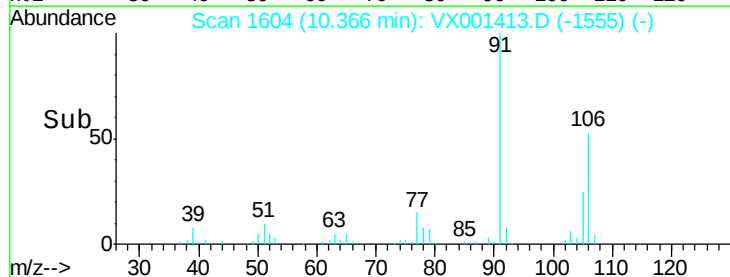
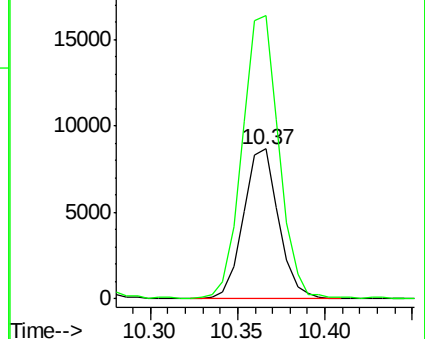
106 100

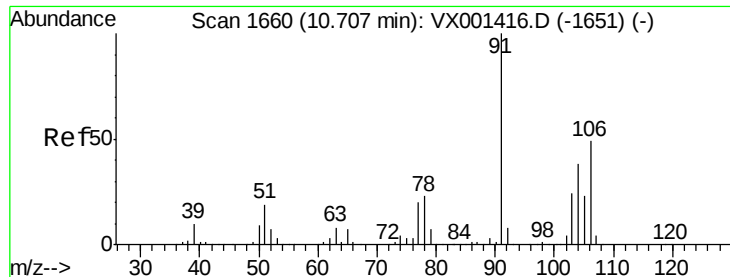
91 197.5 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX001413.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX001413.D (-1598) (-)

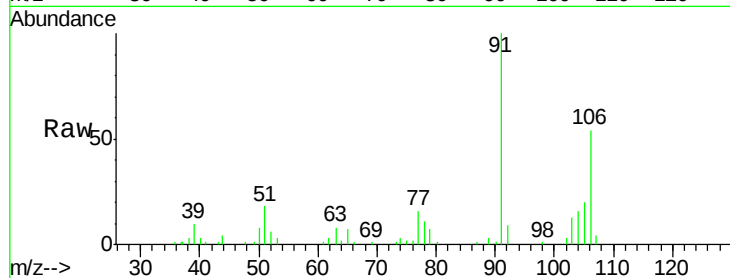




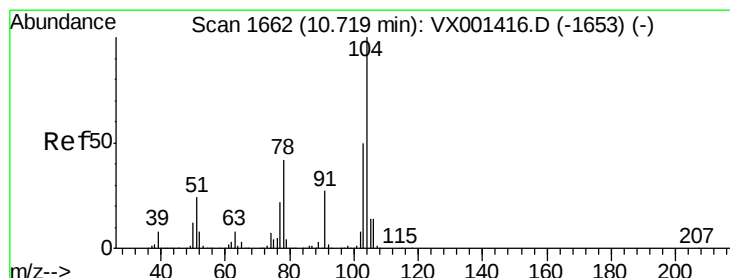
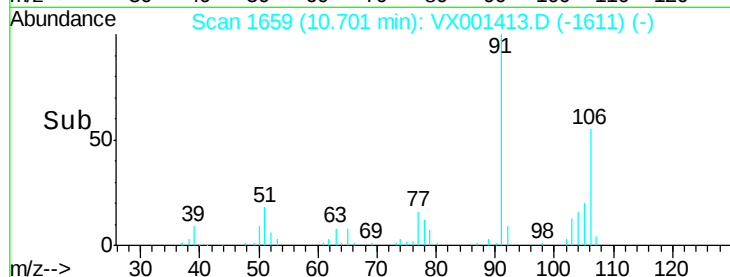
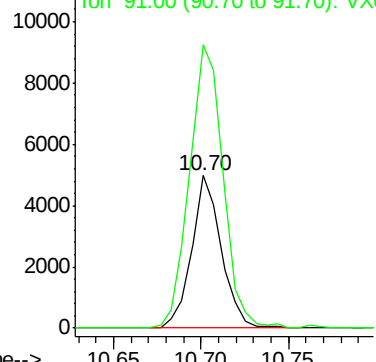
#69
o-Xylene
Concen: 1.03 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 5904
Ion Ratio Lower Upper
106 100
91 208.3 103.1 309.1

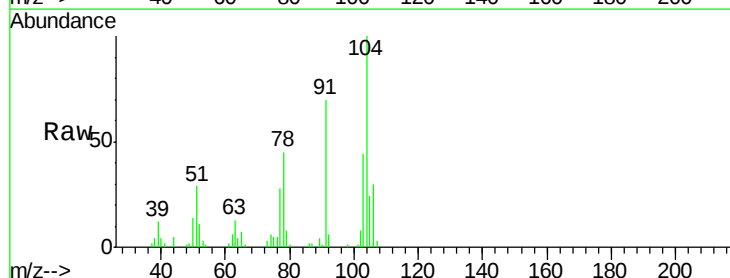


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

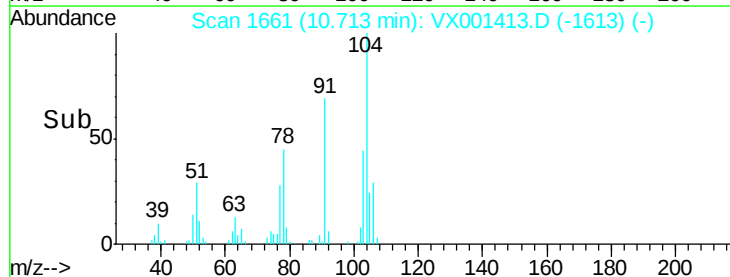
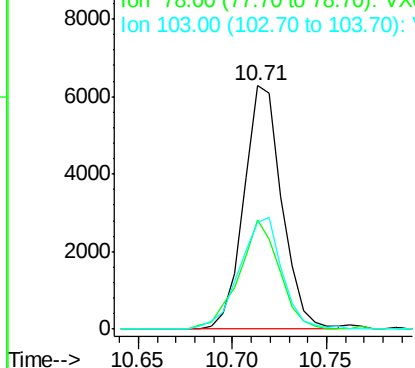


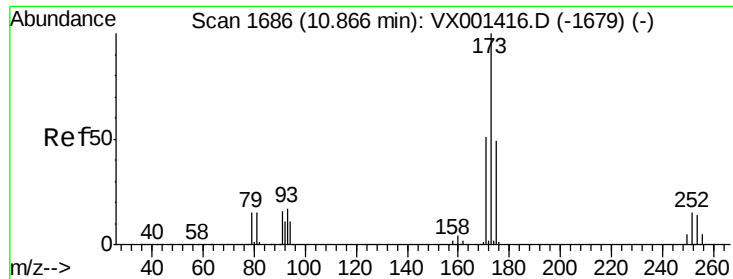
#70
Styrene
Concen: 0.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:104 Resp: 8776
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 51.5 44.0 66.0



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: 0.80 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

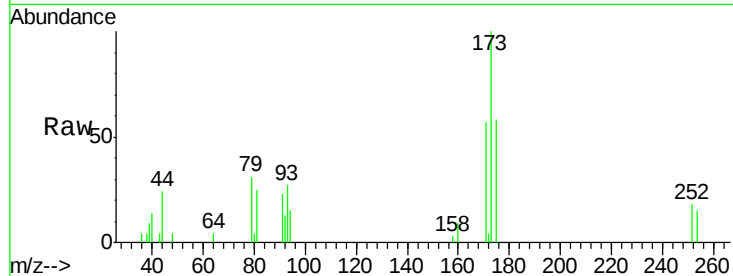
Tgt Ion:173 Resp: 2122

Ion Ratio Lower Upper

173 100

175 55.9 24.5 73.5

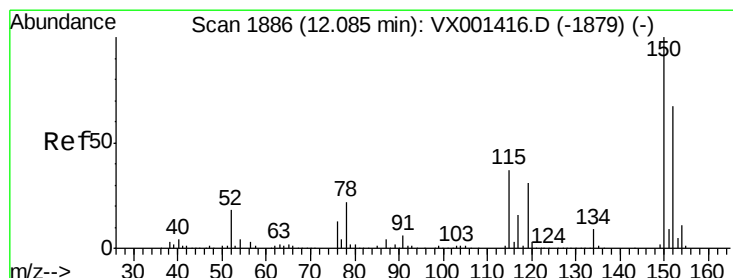
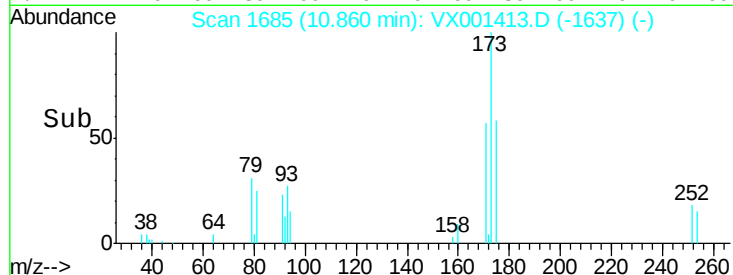
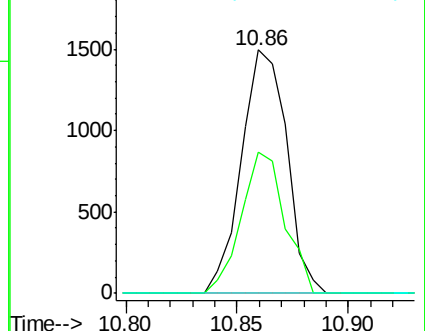
254 0.0 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

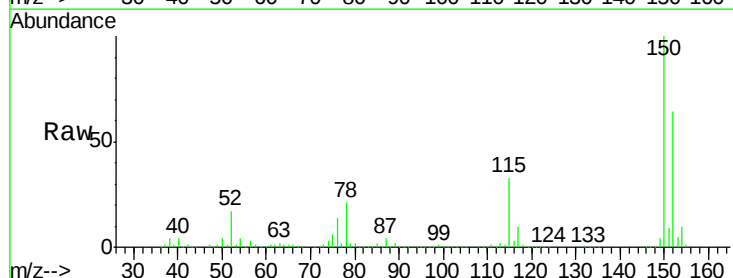
Tgt Ion:152 Resp: 211774

Ion Ratio Lower Upper

152 100

115 53.2 37.7 113.1

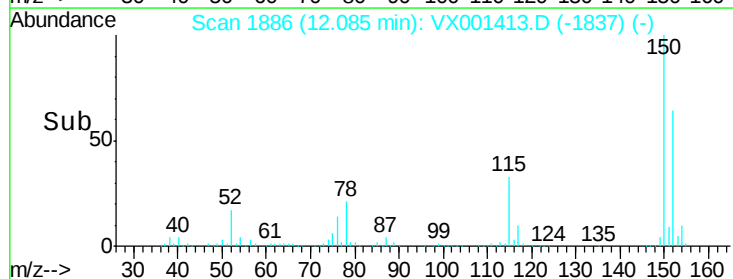
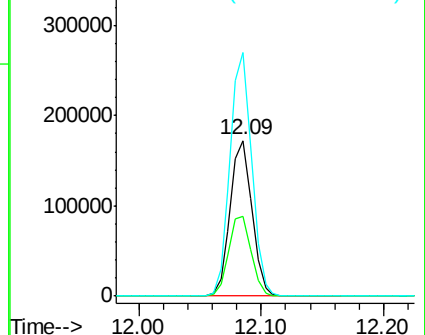
150 155.7 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.06 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

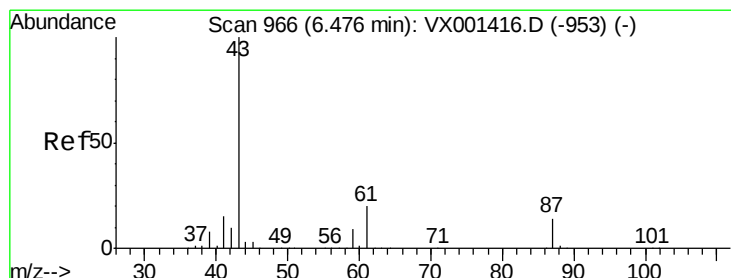
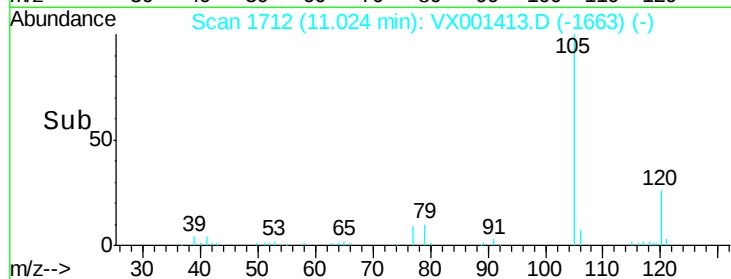
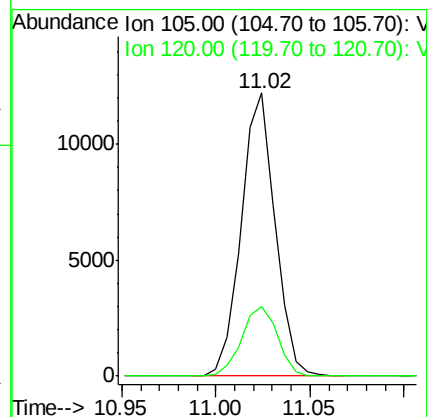
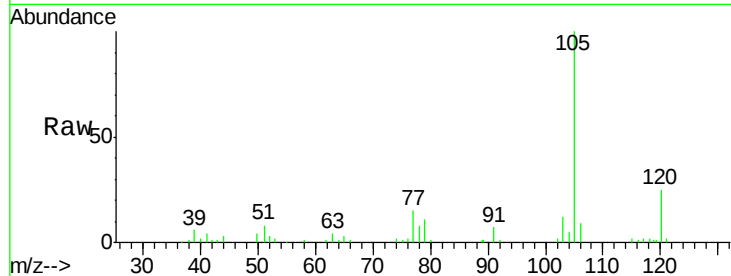
VSTDIC001

Tgt Ion:105 Resp: 15186

Ion Ratio Lower Upper

105 100

120 25.9 13.6 40.8



#74

N-ethyl acetate

Concen: 1.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion: 43 Resp: 7495

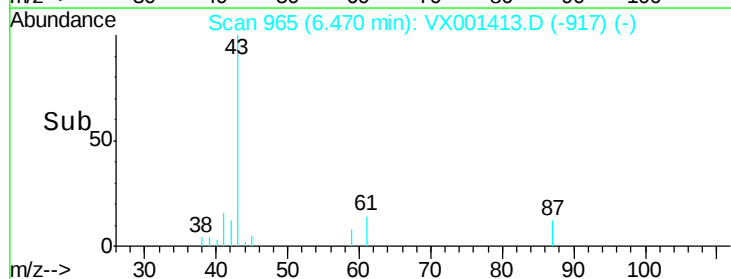
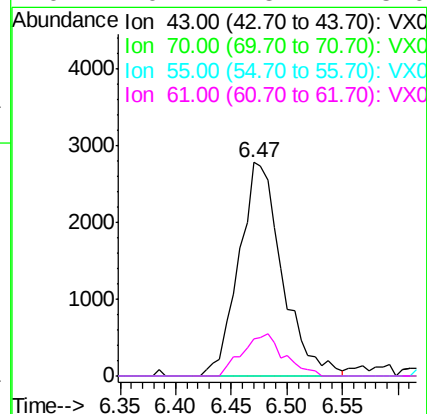
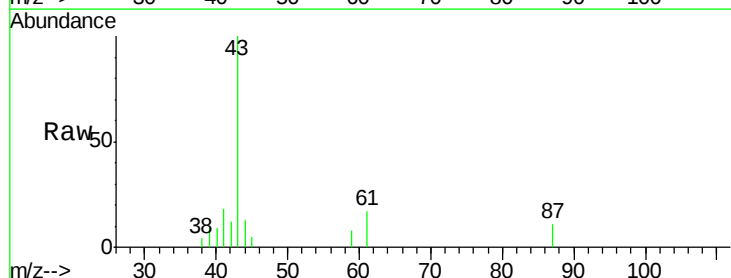
Ion Ratio Lower Upper

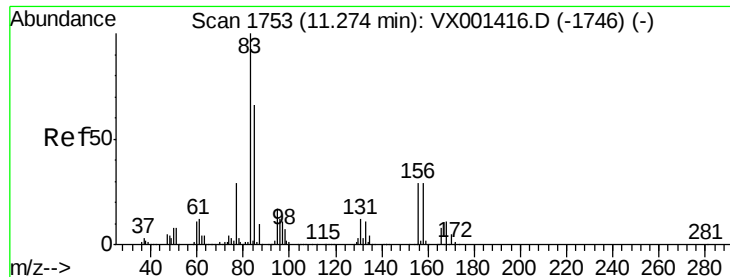
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.1 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

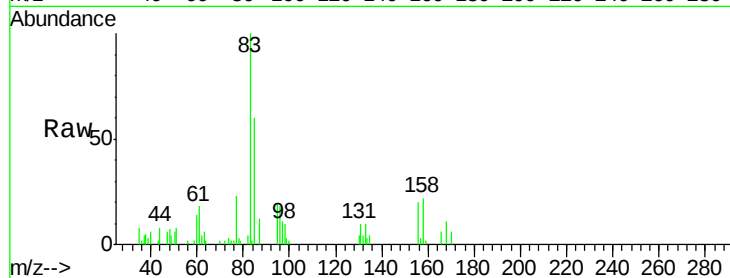
Tgt Ion: 83 Resp: 4587

Ion Ratio Lower Upper

83 100

131 12.6 5.8 17.4

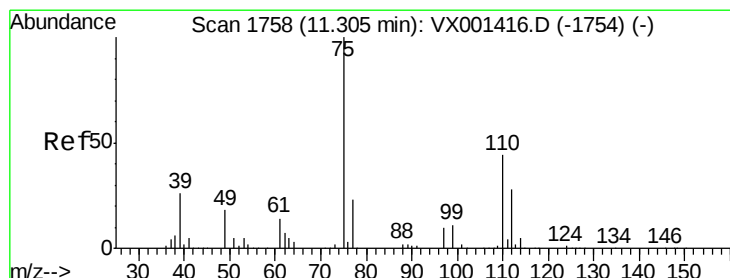
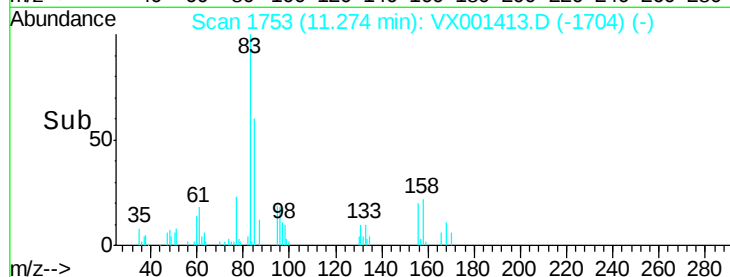
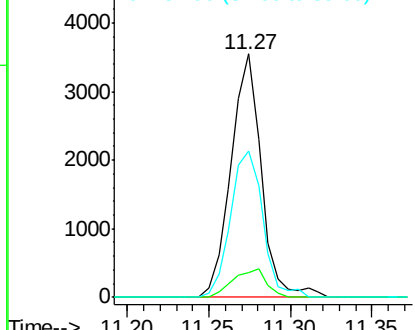
85 64.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.31 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001413.D

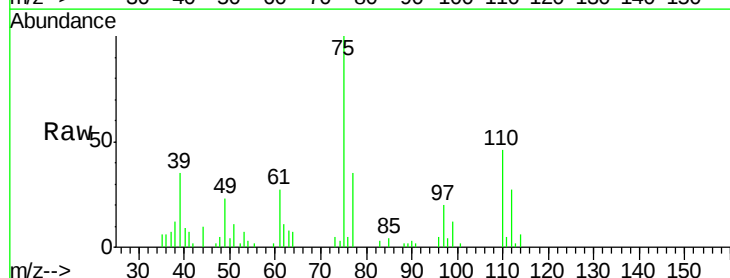
Acq: 05 May 2018 12:04

Tgt Ion: 75 Resp: 5201

Ion Ratio Lower Upper

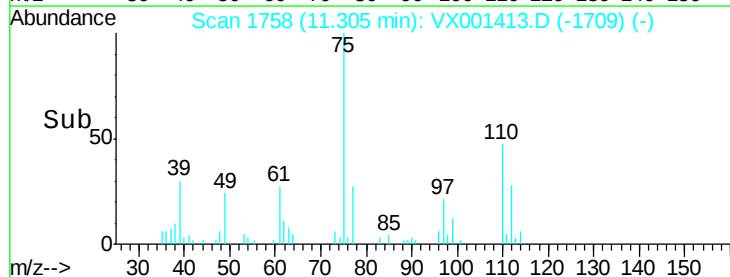
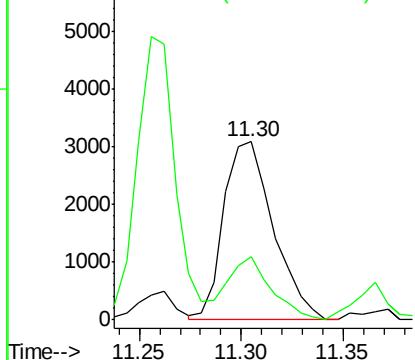
75 100

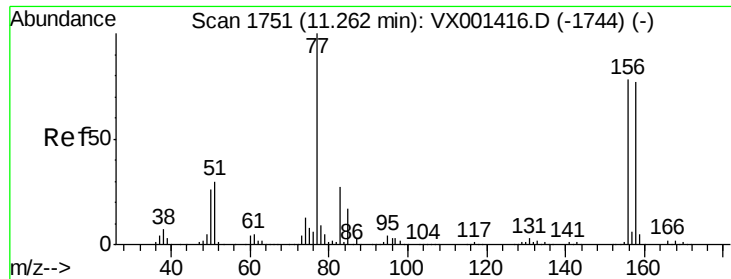
77 32.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.13 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

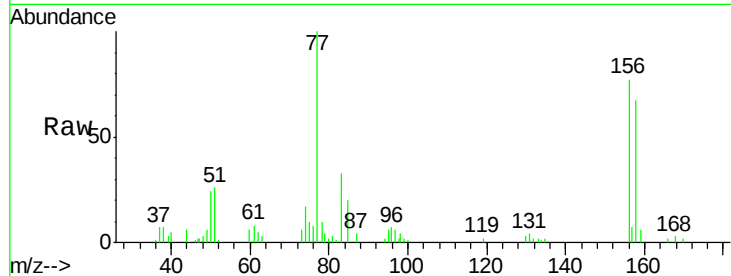
Tgt Ion:156 Resp: 4633

Ion Ratio Lower Upper

156 100

77 137.3 66.0 198.2

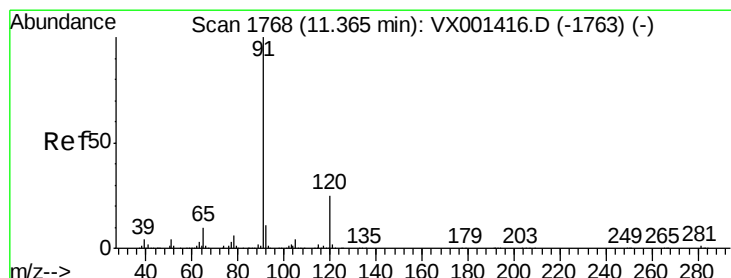
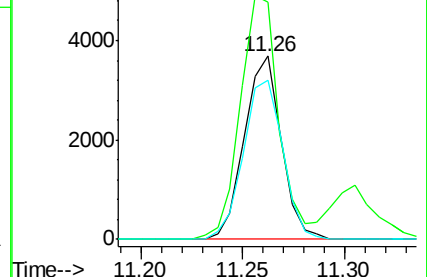
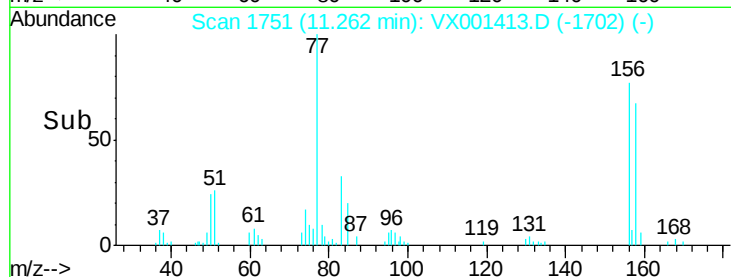
158 92.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001413.D

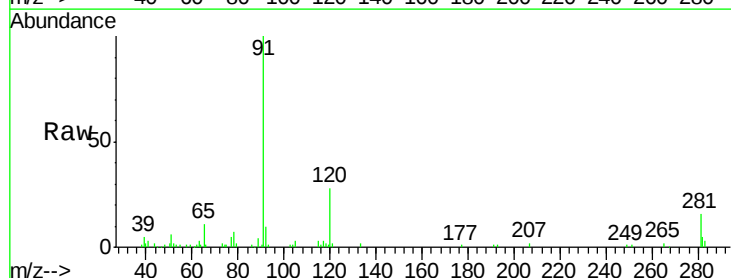
Acq: 05 May 2018 12:04

Tgt Ion: 91 Resp: 15714

Ion Ratio Lower Upper

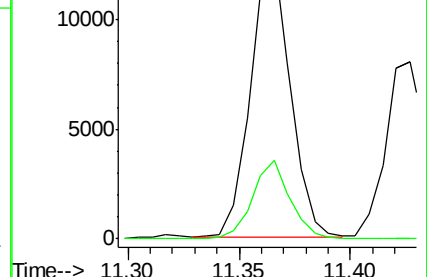
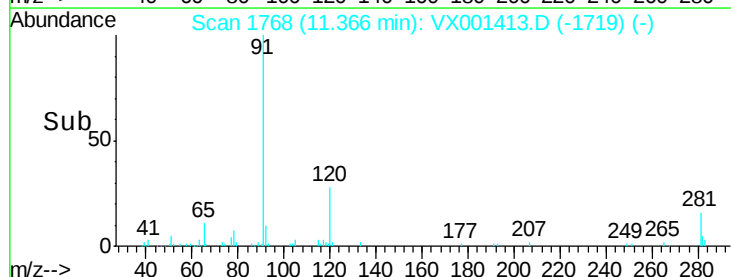
91 100

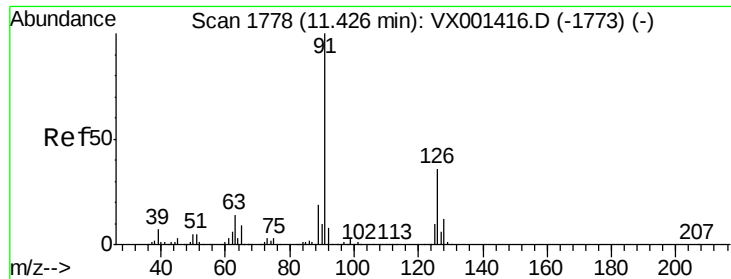
120 26.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

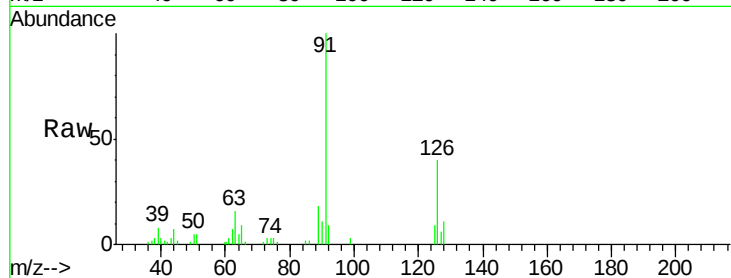
VSTDIC001

Tgt Ion: 91 Resp: 10508

Ion Ratio Lower Upper

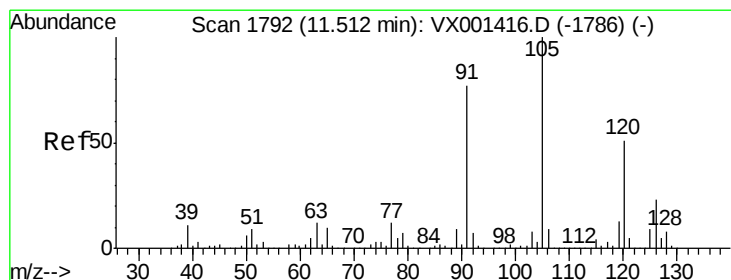
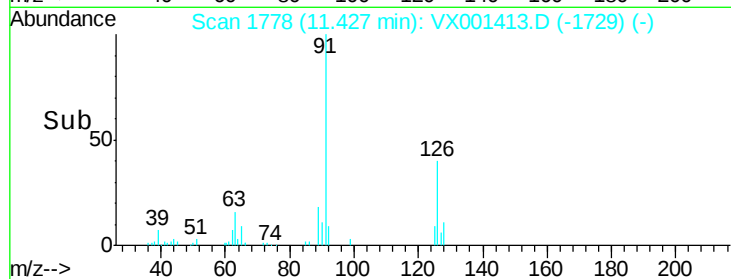
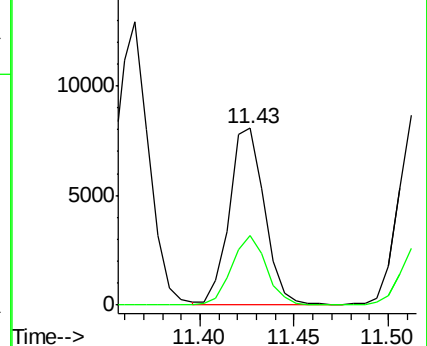
91 100

126 38.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001413.D

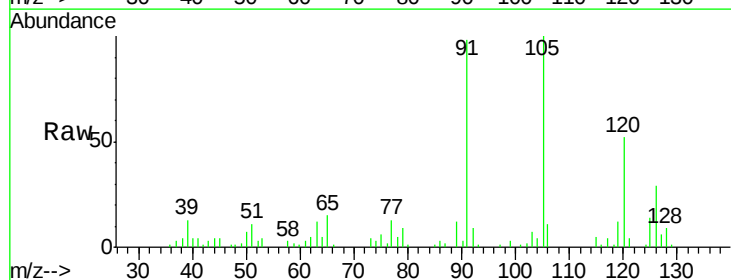
Acq: 05 May 2018 12:04

Tgt Ion: 105 Resp: 11769

Ion Ratio Lower Upper

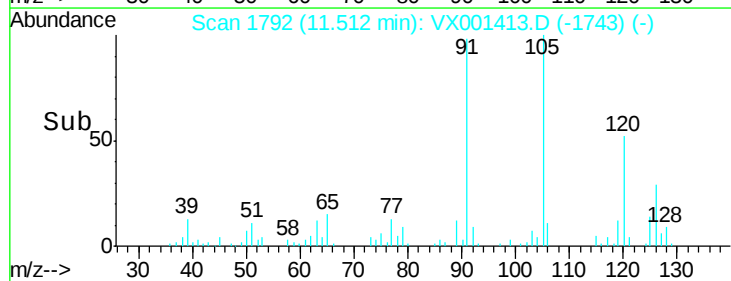
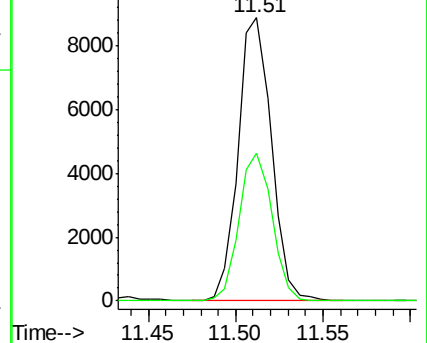
105 100

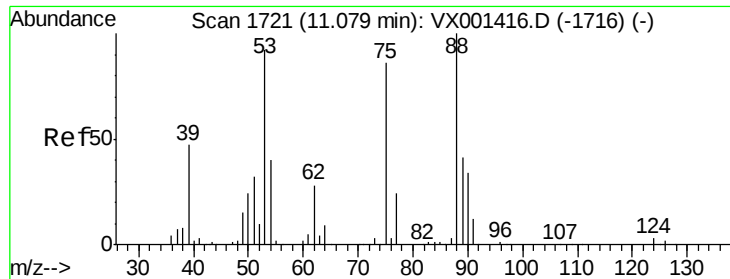
120 51.6 25.7 77.1



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: 0.86 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

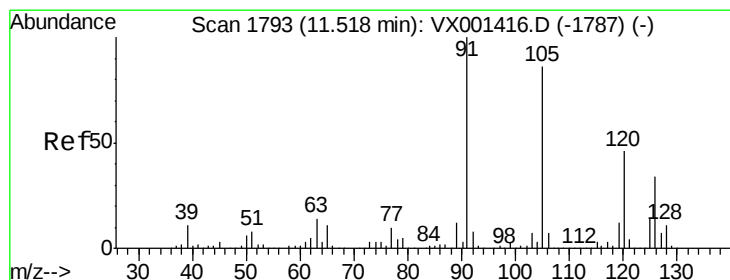
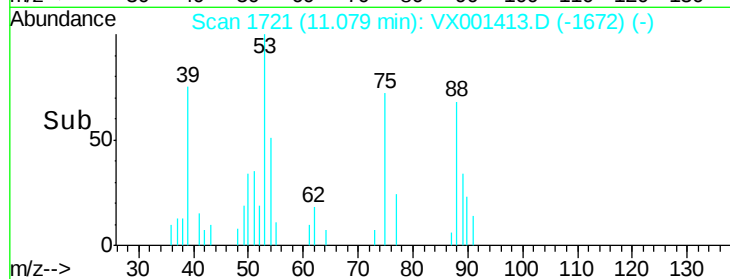
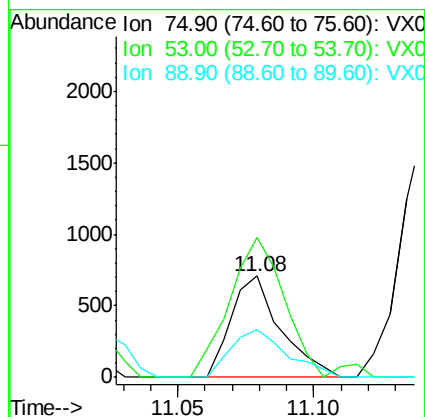
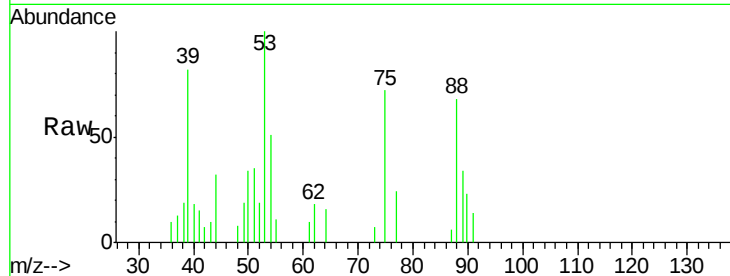
Tgt Ion: 75 Resp: 895

Ion Ratio Lower Upper

75 100

53 158.3 84.5 126.7#

89 53.2 39.5 59.3



#82

4-Chlorotoluene

Concen: 1.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001413.D

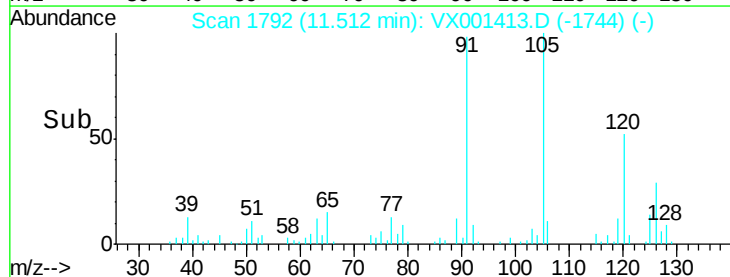
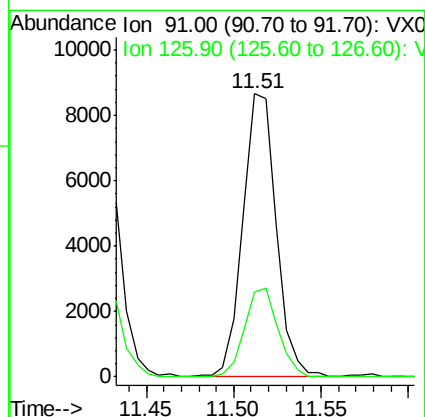
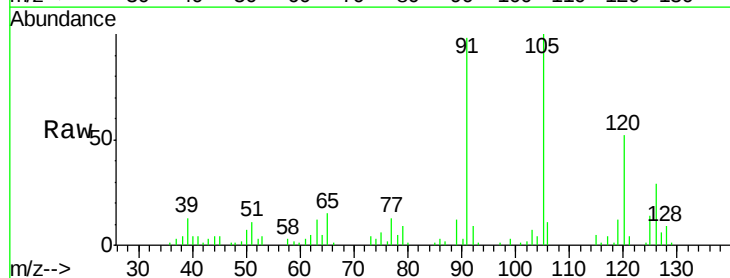
Acq: 05 May 2018 12:04

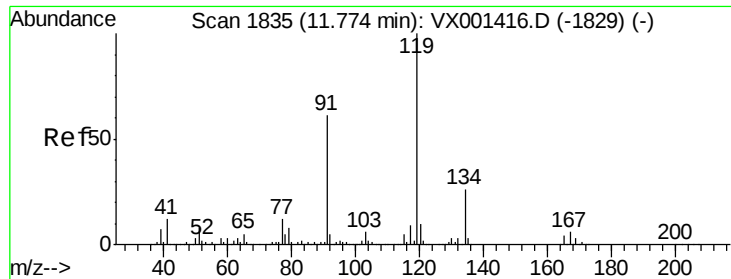
Tgt Ion: 91 Resp: 11522

Ion Ratio Lower Upper

91 100

126 31.4 16.2 48.5

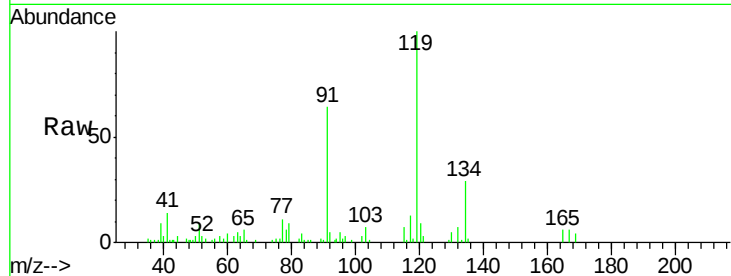




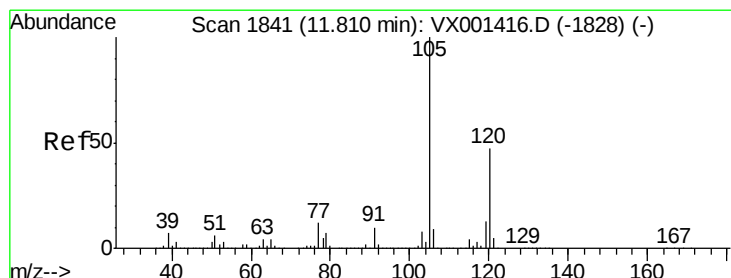
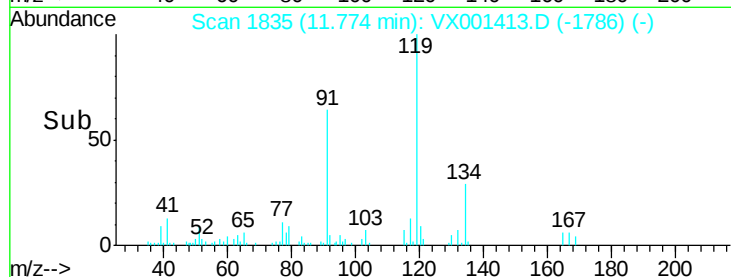
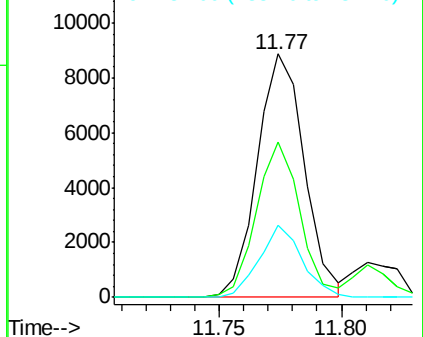
#83
 tert-Butylbenzene
 Concen: 1.00 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 11931
 Ion Ratio Lower Upper
 119 100
 91 59.3 27.8 83.3
 134 26.9 12.4 37.0

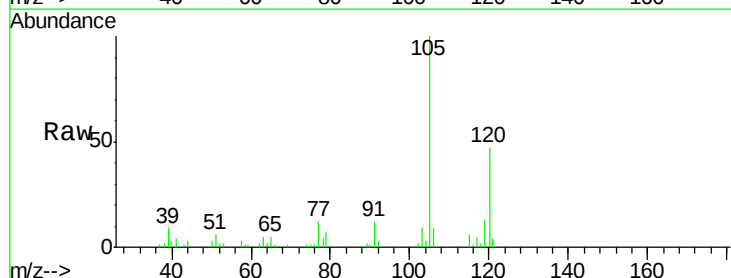


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

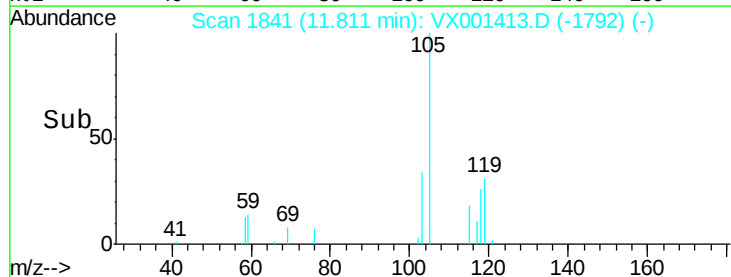
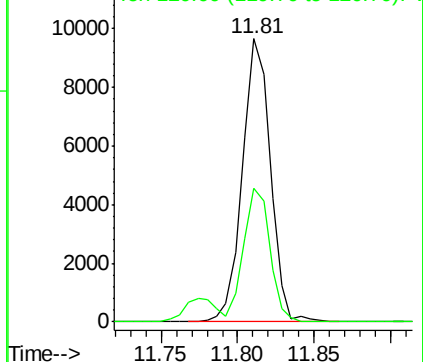


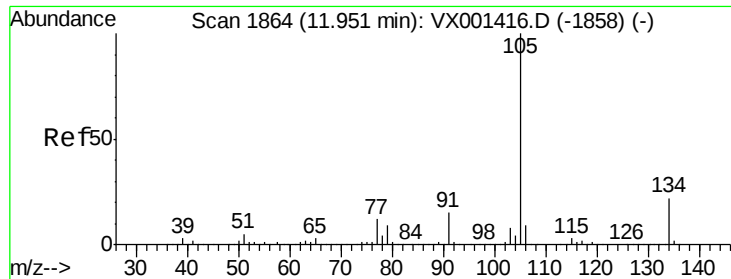
#84
 1,2,4-Trimethylbenzene
 Concen: 1.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion:105 Resp: 12296
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.4 70.2



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

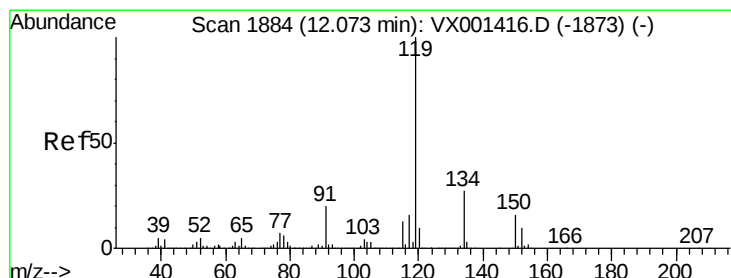
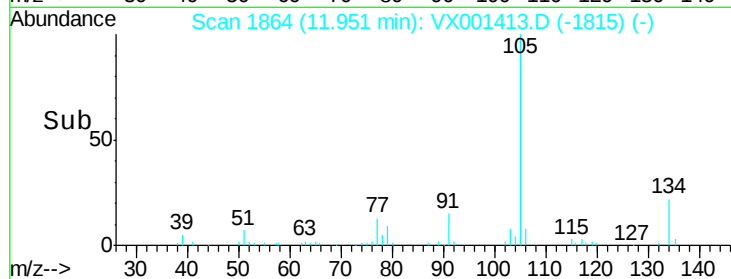
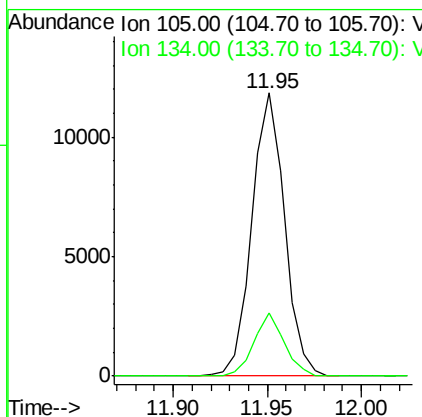
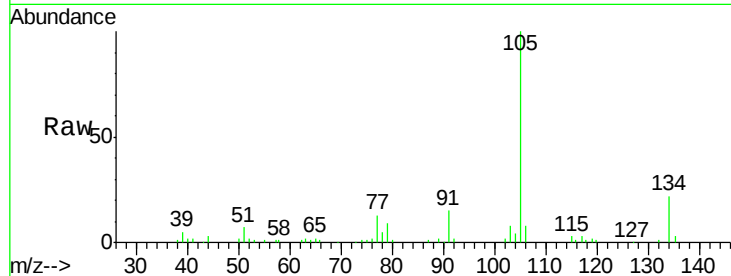




#85
 sec-Butylbenzene
 Concen: 0.99 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

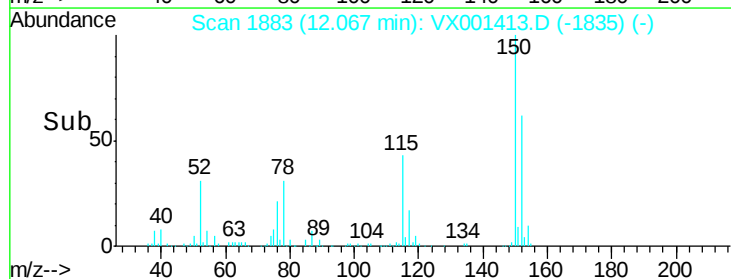
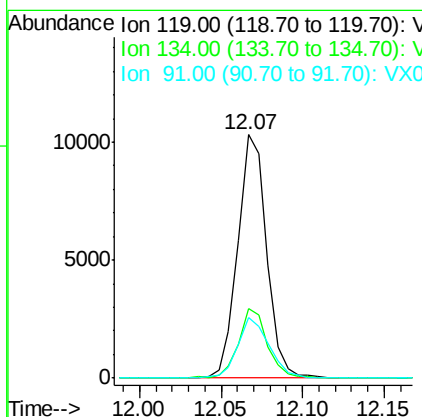
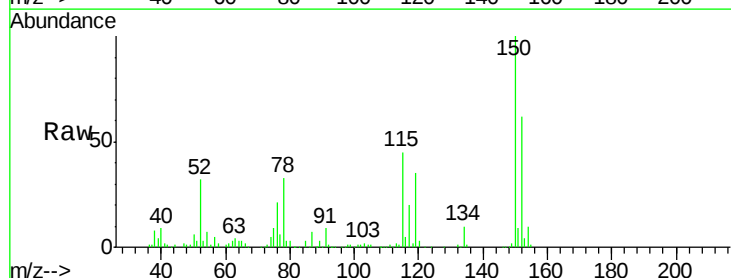
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

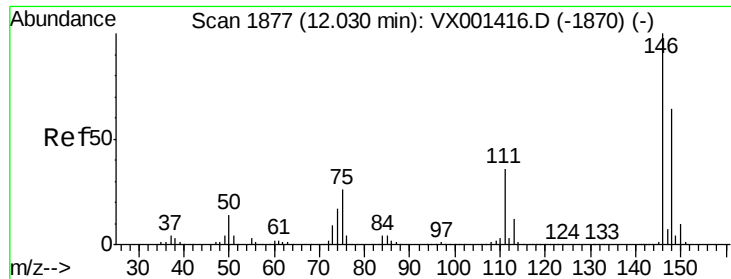
Tgt Ion:105 Resp: 14219
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 0.97 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion:119 Resp: 12741
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.6 40.8
 91 26.7 10.8 32.3

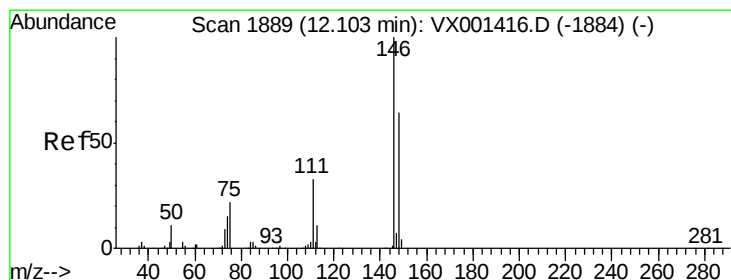
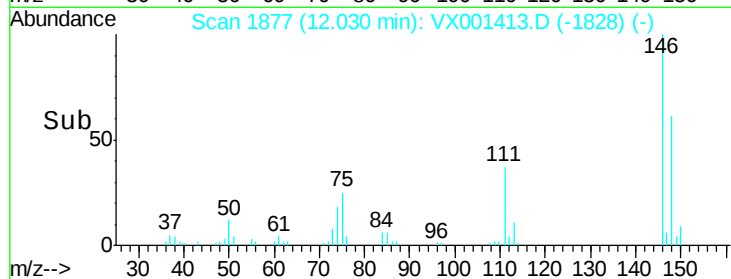
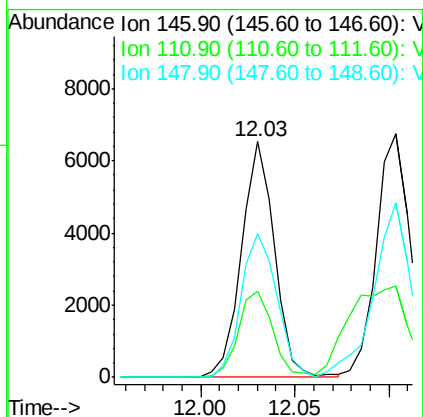
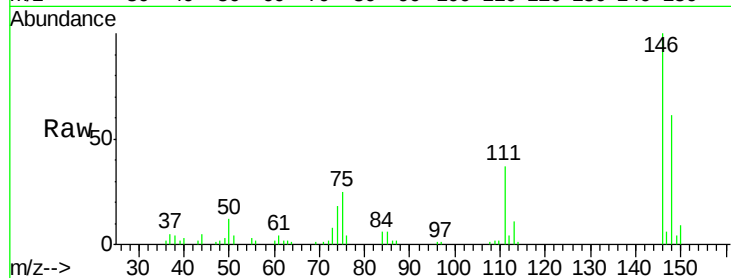




#87
 1,3-Dichlorobenzene
 Concen: 1.03 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

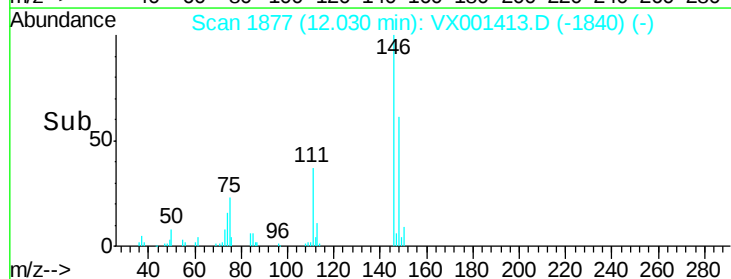
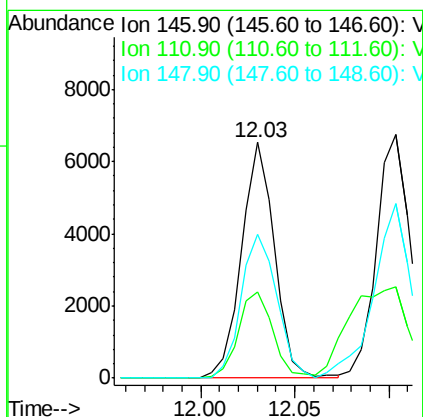
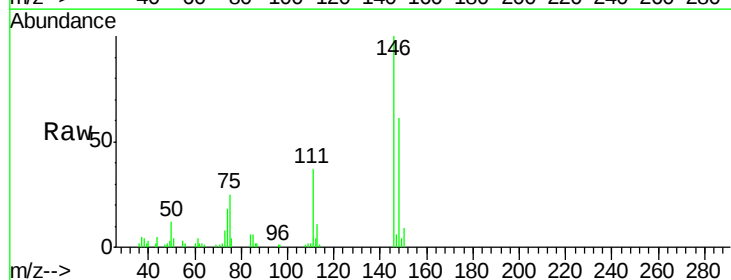
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

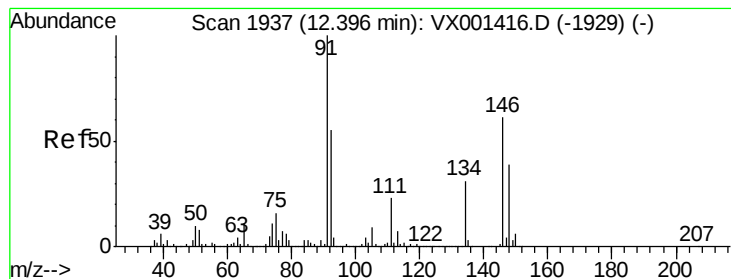
Tgt Ion:146 Resp: 7948
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.1 54.1
 148 65.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion:146 Resp: 7948
 Ion Ratio Lower Upper
 146 100
 111 38.4 17.4 52.3
 148 65.9 32.2 96.6





#89

n-Butylbenzene

Concen: 0.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

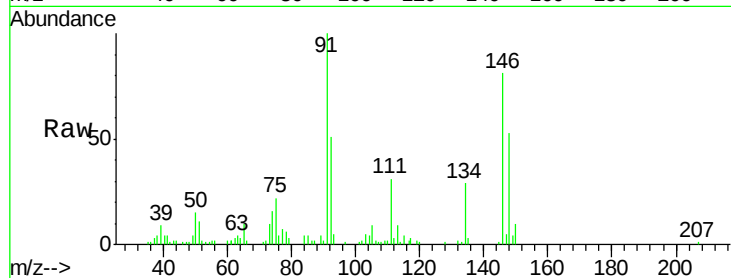
Tgt Ion: 91 Resp: 10680

Ion Ratio Lower Upper

91 100

92 48.1 27.2 81.5

134 28.5 14.6 44.0

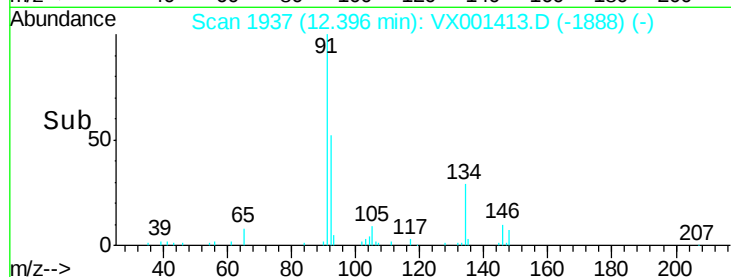


Abundance Ion 91.00 (90.70 to 91.70): VX001413.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX001413.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX001413.D (-1929) (-)

Time-->

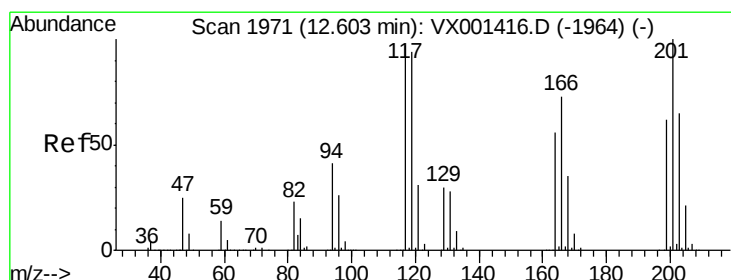


Abundance Ion 91.00 (90.70 to 91.70): VX001413.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX001413.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX001413.D (-1888) (-)

Time-->



#90

Hexachloroethane

Concen: 0.97 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001413.D

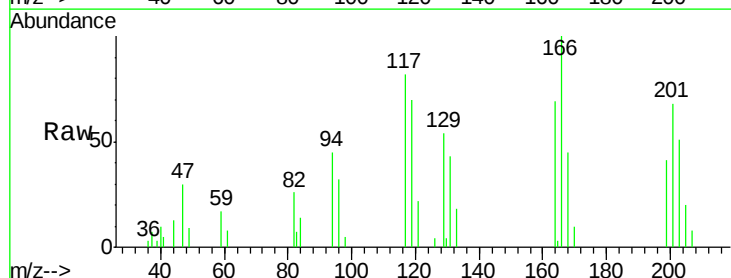
Acq: 05 May 2018 12:04

Tgt Ion: 117 Resp: 1855

Ion Ratio Lower Upper

117 100

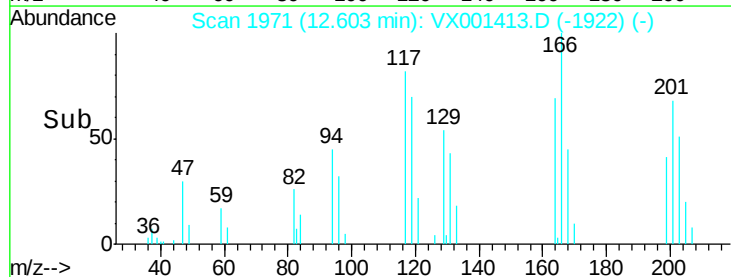
201 94.8 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): VX001413.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001413.D (-1964) (-)

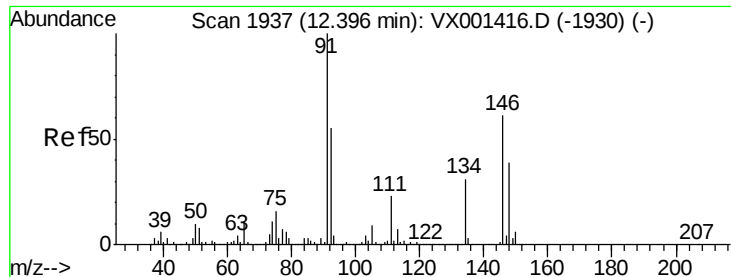
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX001413.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001413.D (-1922) (-)

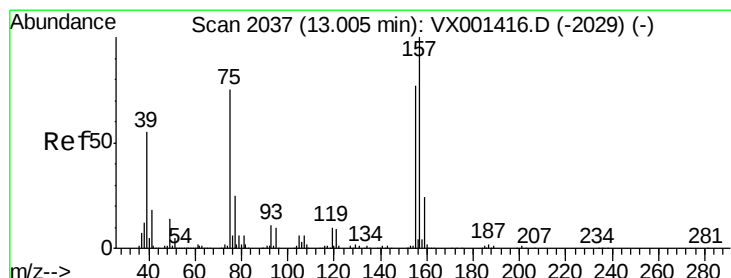
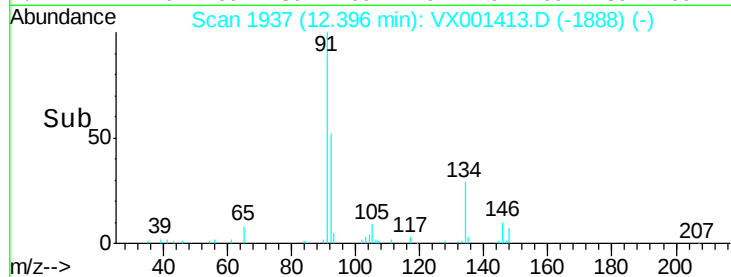
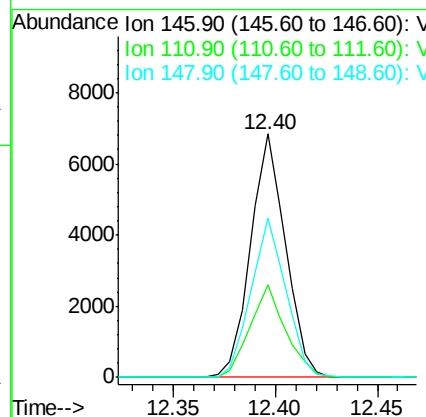
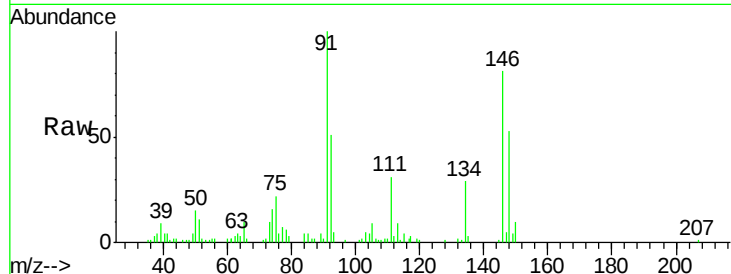
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 1.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

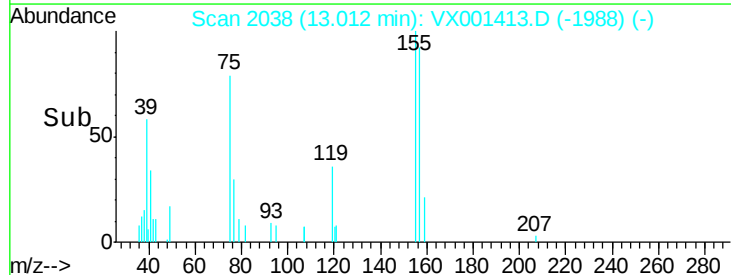
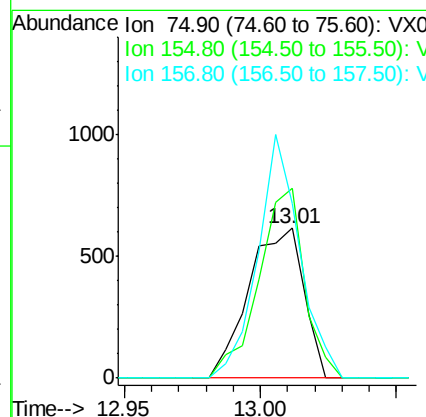
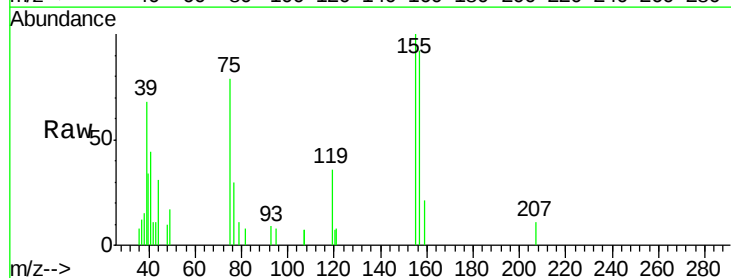
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

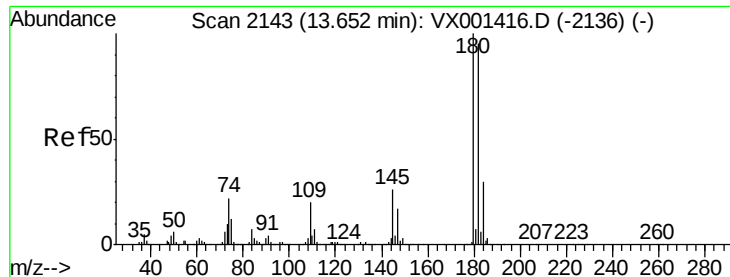
Tgt Ion: 146 Resp: 8158
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.6 55.8
 148 65.6 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.99 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 75 Resp: 862
 Ion Ratio Lower Upper
 75 100
 155 105.1 53.4 160.2
 157 123.4 68.3 204.8

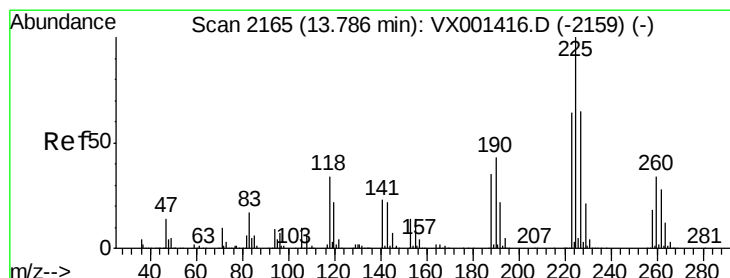
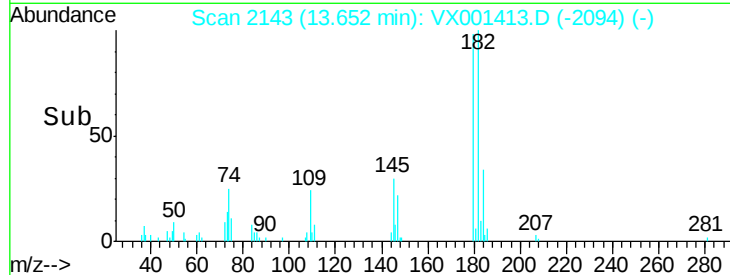
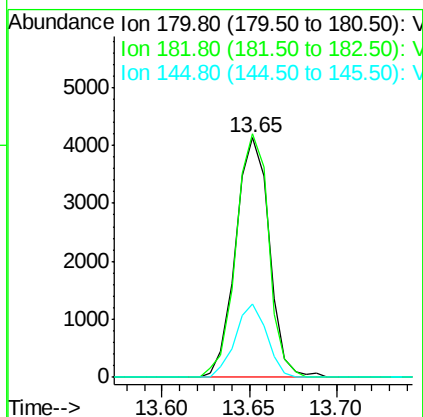
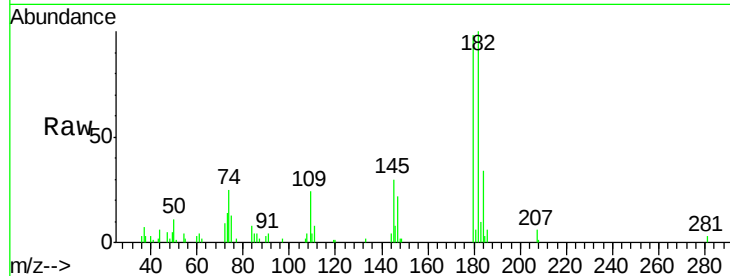




#93
 1,2,4-Trichlorobenzene
 Concen: 0.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

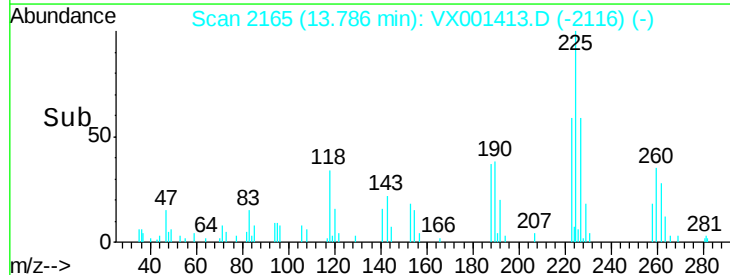
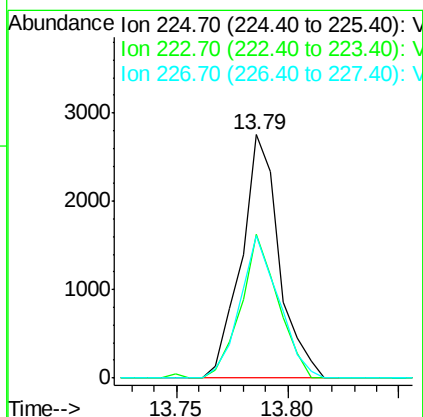
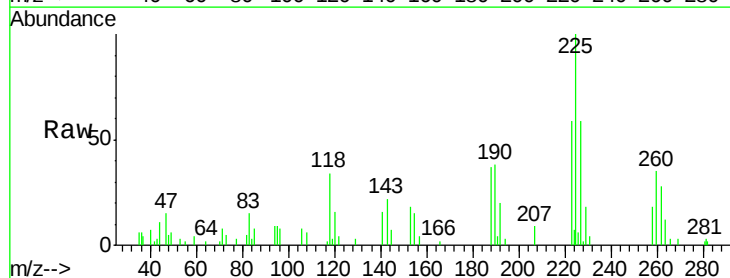
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

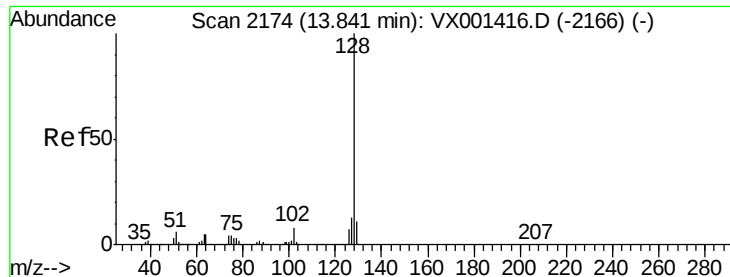
Tgt Ion:180 Resp: 5523
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.8 143.4
 145 28.6 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 1.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion:225 Resp: 3255
 Ion Ratio Lower Upper
 225 100
 223 57.6 31.3 93.9
 227 60.5 32.4 97.2





#95

Naphthalene

Concen: 0.92 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

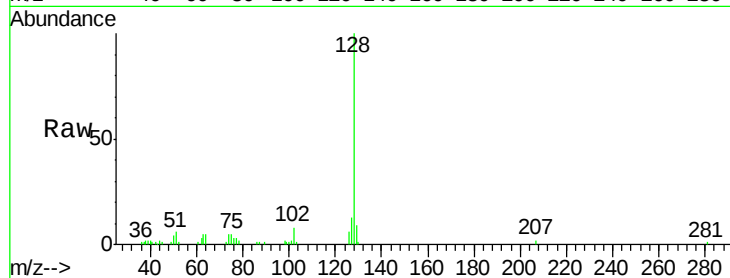
Tgt Ion:128 Resp: 14347

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

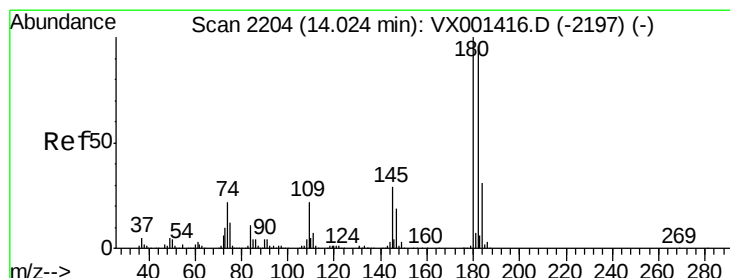
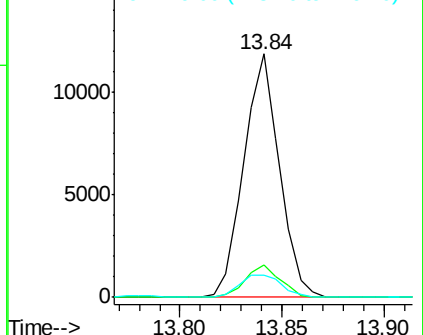
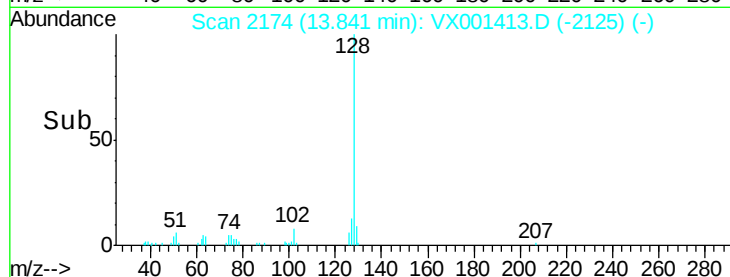
129 10.9 8.7 13.1



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: 0.95 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

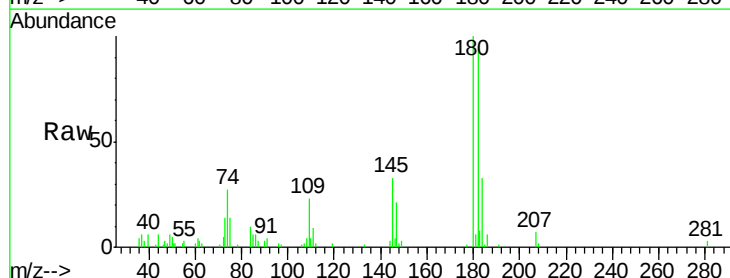
Tgt Ion:180 Resp: 5749

Ion Ratio Lower Upper

180 100

182 97.4 48.0 144.2

145 32.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

