

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007662.D
 Acq On : 25 Feb 2019 09:46
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 26 01:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 12:24:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	425330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	668841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	6635	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
35) Dibromofluoromethane	5.51	113	5729	1.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.56%	
50) Toluene-d8	8.71	98	19029	1.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.22%	
62) 4-Bromofluorobenzene	11.13	95	6911	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4069	1.039	ug/l	89
3) Chloromethane	1.33	50	5529	1.273	ug/l	100
4) Vinyl Chloride	1.41	62	5041	1.132	ug/l	97
5) Bromomethane	1.64	94	4440	1.383	ug/l	86
6) Chloroethane	1.73	64	3232	1.136	ug/l	90
7) Trichlorofluoromethane	1.93	101	7343	1.075	ug/l	98
8) Diethyl Ether	2.19	74	3380	1.206	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4928	1.194	ug/l	87
10) Methyl Iodide	2.51	142	4373	0.851	ug/l #	87
11) Tert butyl alcohol	3.06	59	6233	6.235	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	3686	0.991	ug/l #	80
13) Acrolein	2.30	56	4819	5.425	ug/l #	82
14) Allyl chloride	2.73	41	6737	0.979	ug/l	93
15) Acrylonitrile	3.15	53	11882	5.051	ug/l	93
16) Acetone	2.45	43	14186	6.055	ug/l	94
17) Carbon Disulfide	2.57	76	10542	1.018	ug/l #	87
18) Methyl Acetate	2.78	43	5443	1.065	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	13250	1.023	ug/l	94
20) Methylene Chloride	2.85	84	5485	1.268	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	4351	1.076	ug/l #	81
22) Diisopropyl ether	3.87	45	13026	0.910	ug/l	88
23) Vinyl Acetate	3.82	43	57145	4.548	ug/l	100
24) 1,1-Dichloroethane	3.70	63	8549	1.098	ug/l	97
25) 2-Butanone	4.70	43	17308	4.850	ug/l	96
26) 2,2-Dichloropropane	4.58	77	6749	1.086	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	5683	1.104	ug/l	92
28) Bromochloromethane	5.01	49	3859	1.018	ug/l #	97
29) Tetrahydrofuran	5.15	42	12202	5.187	ug/l	96
30) Chloroform	5.21	83	8703	1.044	ug/l	95
31) Cyclohexane	5.57	56	7890	1.078	ug/l #	84
32) 1,1,1-Trichloroethane	5.49	97	6837	0.992	ug/l #	43
36) 1,1-Dichloropropene	5.79	75	6210	1.033	ug/l	93
37) Ethyl Acetate	4.85	43	6665	0.998	ug/l #	75
38) Carbon Tetrachloride	5.77	117	6512	1.078	ug/l #	84

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Quant Time: Feb 26 01:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 12:24:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	8127	1.069	ug/l	94
40) Benzene	6.15	78	19247	1.037	ug/l #	88
41) Methacrylonitrile	5.05	41	3463	0.971	ug/l #	73
42) 1,2-Dichloroethane	6.20	62	6383	1.023	ug/l #	72
43) Isopropyl Acetate	6.45	43	8939	0.870	ug/l #	84
44) Trichloroethene	7.21	130	5342	1.046	ug/l	97
45) 1,2-Dichloropropane	7.51	63	5028	1.046	ug/l #	89
46) Dibromomethane	7.66	93	3944	1.176	ug/l #	83
47) Bromodichloromethane	7.90	83	5340	0.919	ug/l #	85
48) Methyl methacrylate	7.77	41	5361	0.995	ug/l	92
49) 1,4-Dioxane	7.76	88	2457	21.110	ug/l #	64
51) 4-Methyl-2-Pentanone	8.65	43	30022	4.363	ug/l	95
52) Toluene	8.79	92	11472	0.980	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	4947	0.776	ug/l #	85
54) cis-1,3-Dichloropropene	8.43	75	6185	0.877	ug/l #	85
55) 1,1,2-Trichloroethane	9.21	97	5136	1.052	ug/l	91
56) Ethyl methacrylate	9.18	69	6086	0.877	ug/l	90
57) 1,3-Dichloropropane	9.37	76	7694	0.985	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	18926	4.944	ug/l	99
59) 2-Hexanone	9.49	43	23643	4.376	ug/l	94
60) Dibromochloromethane	9.58	129	3995	0.851	ug/l	99
61) 1,2-Dibromoethane	9.67	107	4901	0.967	ug/l	94
64) Tetrachloroethene	9.34	164	5144	1.082	ug/l	90
65) Chlorobenzene	10.13	112	13565	1.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	4587	1.039	ug/l #	63
67) Ethyl Benzene	10.25	91	20502	0.977	ug/l	94
68) m/p-Xylenes	10.36	106	16015	1.963	ug/l	93
69) o-Xylene	10.70	106	7119	0.907	ug/l	93
70) Styrene	10.71	104	11275	0.874	ug/l	98
71) Bromoform	10.86	173	2875	0.868	ug/l #	89
73) Isopropylbenzene	11.02	105	19447	1.017	ug/l	100
74) N-amyl acetate	10.90	43	7607	0.916	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	7645	1.156	ug/l	91
76) 1,2,3-Trichloropropane	11.30	75	6355	1.115	ug/l	95
77) Bromobenzene	11.26	156	5024	1.048	ug/l	90
78) n-propylbenzene	11.36	91	19936	0.923	ug/l	95
79) 2-Chlorotoluene	11.42	91	13498	1.038	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	15176	0.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1607	0.852	ug/l #	84
82) 4-Chlorotoluene	11.51	91	14500	0.953	ug/l	97
83) tert-Butylbenzene	11.77	119	14733	0.976	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	15047	0.936	ug/l	98
85) sec-Butylbenzene	11.94	105	17427	0.921	ug/l	97
86) p-Isopropyltoluene	12.06	119	14899	0.899	ug/l	88
87) 1,3-Dichlorobenzene	12.02	146	9499	1.068	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	9499	1.043	ug/l	94
89) n-Butylbenzene	12.39	91	13115	0.888	ug/l	95
90) Hexachloroethane	12.60	117	2731	0.978	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	10005	1.124	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1647	1.143	ug/l	73

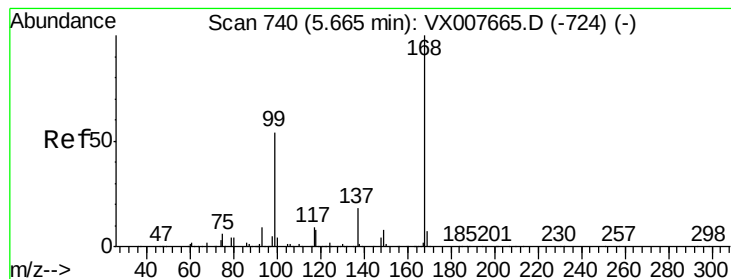
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Mon Feb 25 12:24:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	5200	0.957	ug/l	92
94) Hexachlorobutadiene	13.78	225	2786	1.121	ug/l	94
95) Naphthalene	13.83	128	15144	0.861	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.02	180	5815	1.066	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

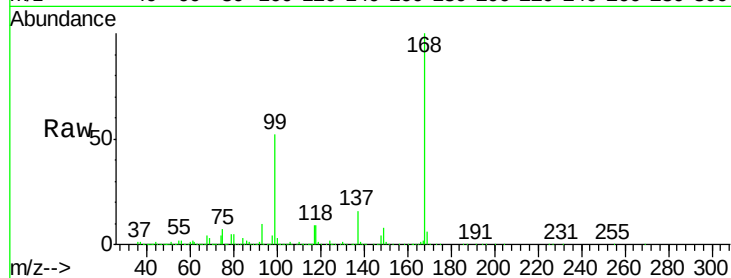
VSTDIC001

Tot Ion:168 Resp: 425330

Ion Ratio Lower Upper

168 100

99 51.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

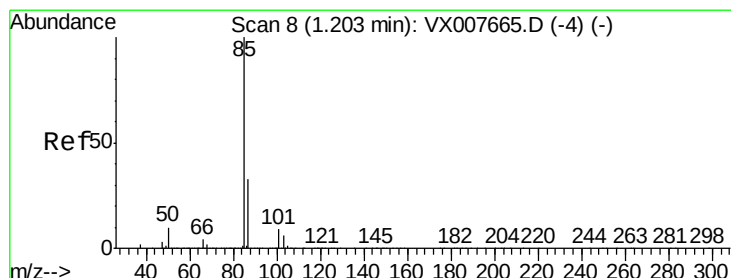
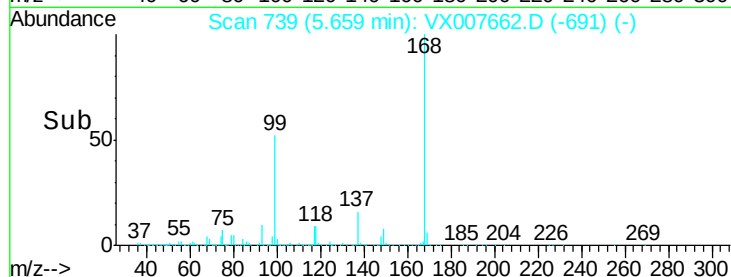
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.039 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007662.D

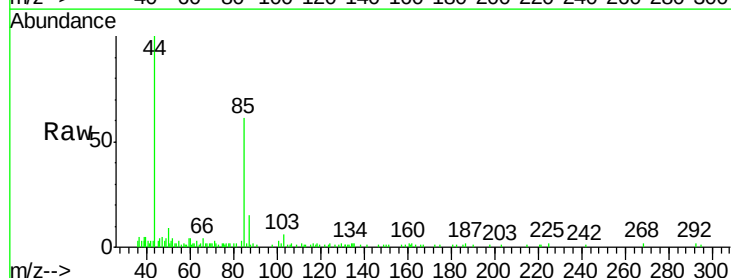
Acq: 25 Feb 2019 09:46

Tgt Ion: 85 Resp: 4069

Ion Ratio Lower Upper

85 100

87 25.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

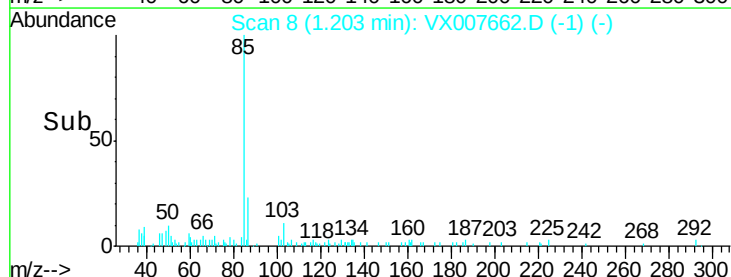
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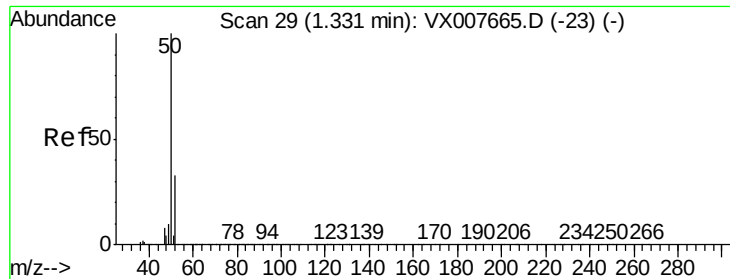
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.273 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

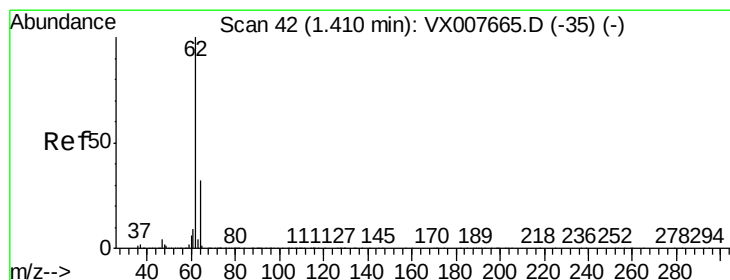
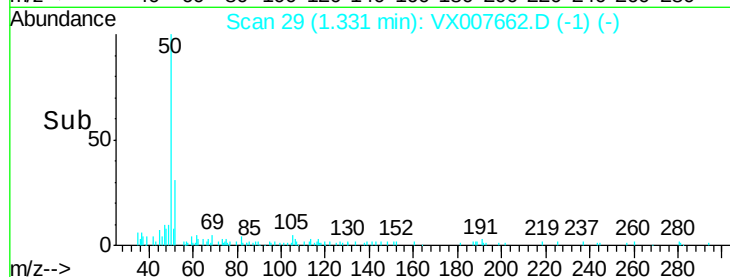
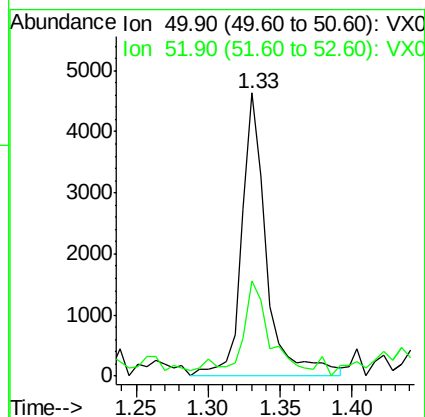
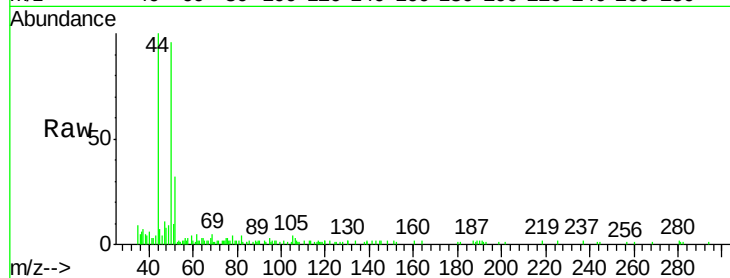
VSTDIC001

Tot Ion: 50 Resp: 5529

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 1.132 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007662.D

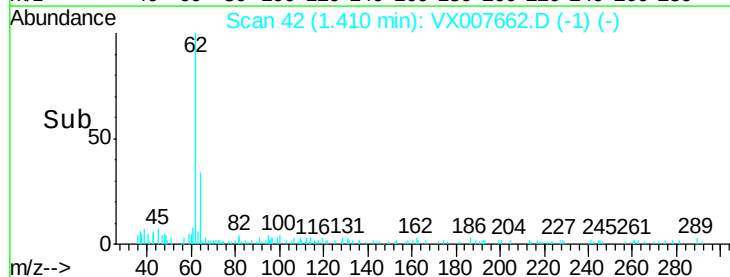
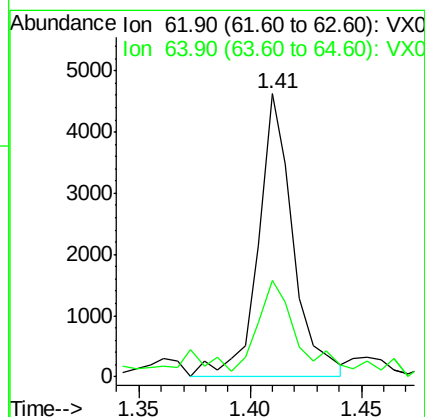
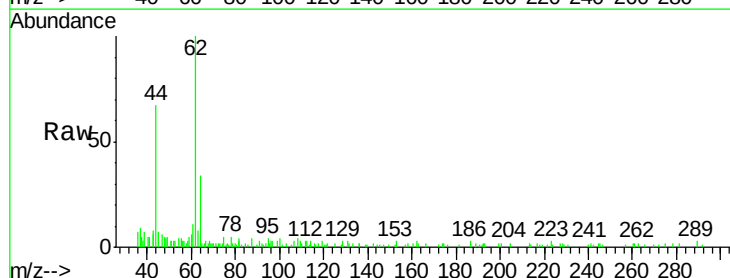
Acq: 25 Feb 2019 09:46

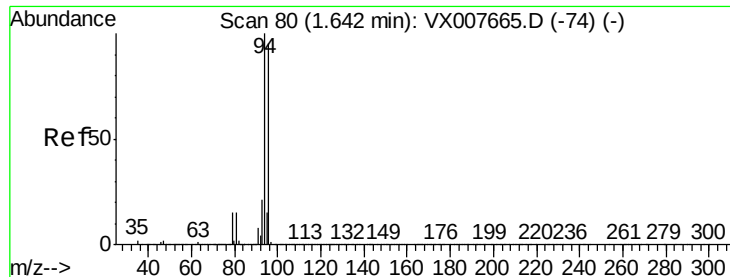
Tgt Ion: 62 Resp: 5041

Ion Ratio Lower Upper

62 100

64 29.8 25.4 38.0





#5

Bromomethane

Concen: 1.383 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

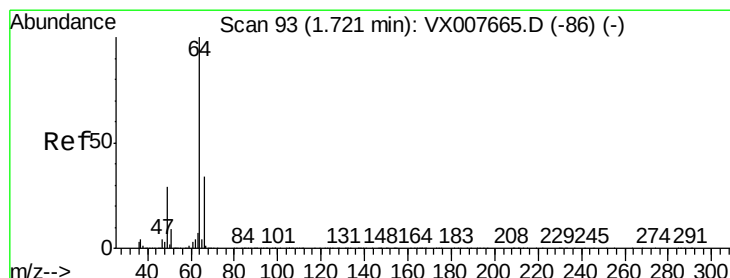
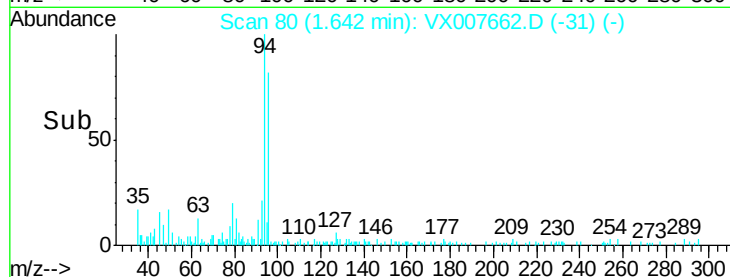
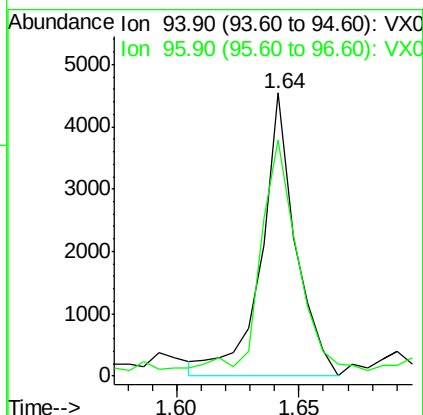
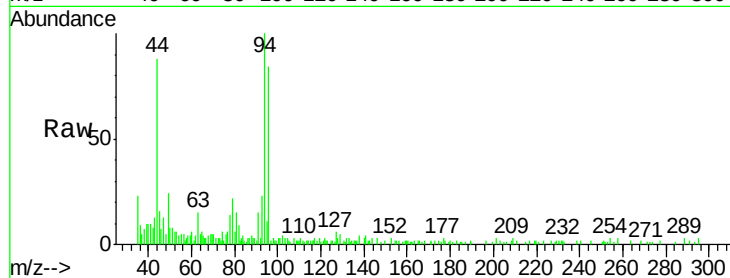
VSTDIC001

Tot Ion: 94 Resp: 4440

Ion Ratio Lower Upper

94 100

96 79.4 73.9 110.9



#6

Chloroethane

Concen: 1.136 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007662.D

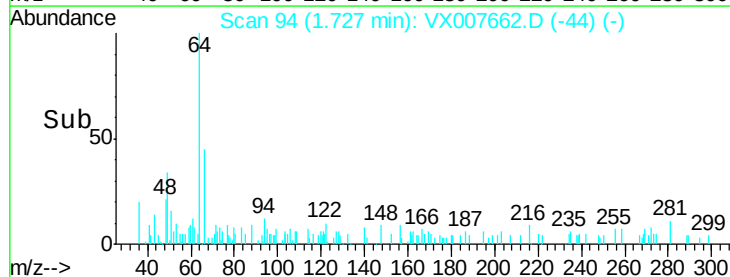
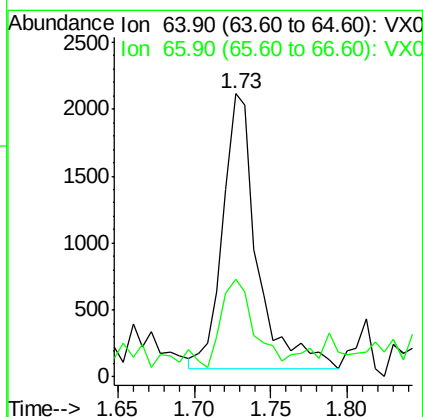
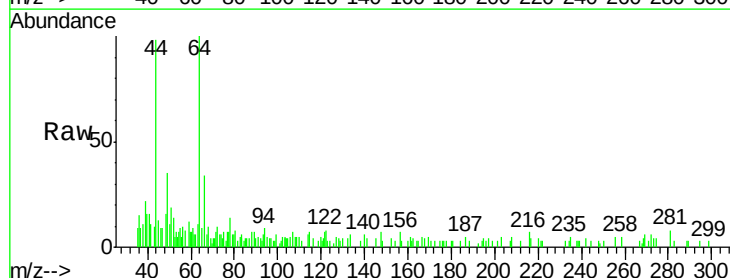
Acq: 25 Feb 2019 09:46

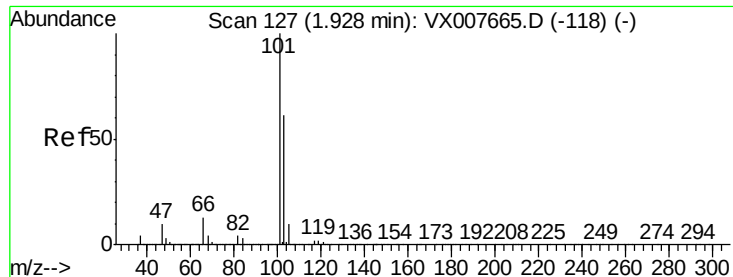
Tgt Ion: 64 Resp: 3232

Ion Ratio Lower Upper

64 100

66 26.2 25.5 38.3



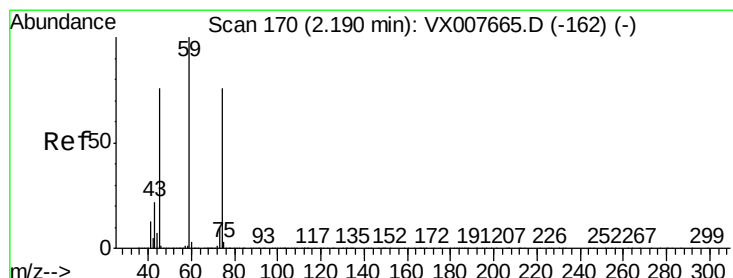
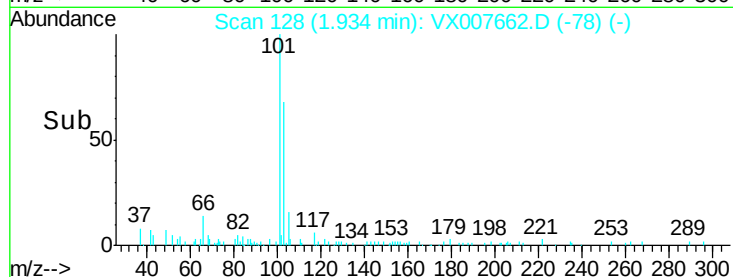
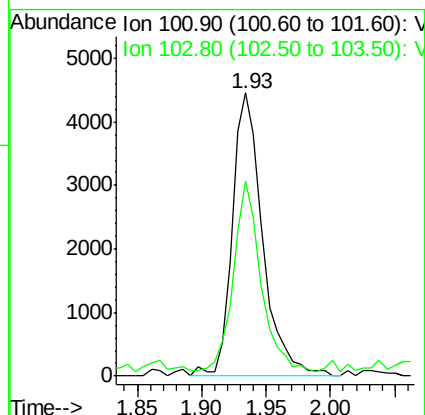
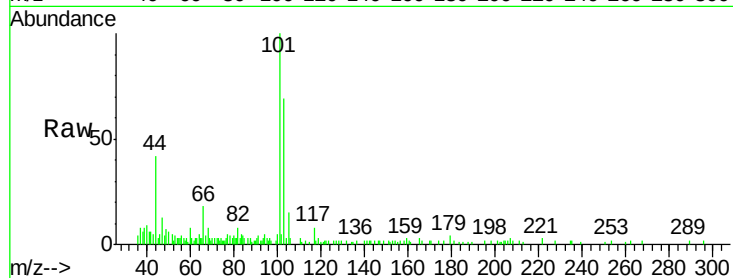


#7

Trichlorofluoromethane
Concen: 1.075 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

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MSVOA_X
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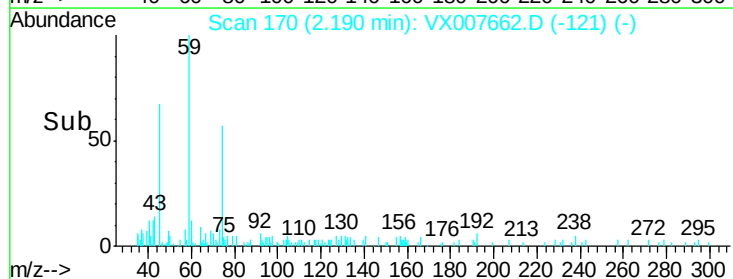
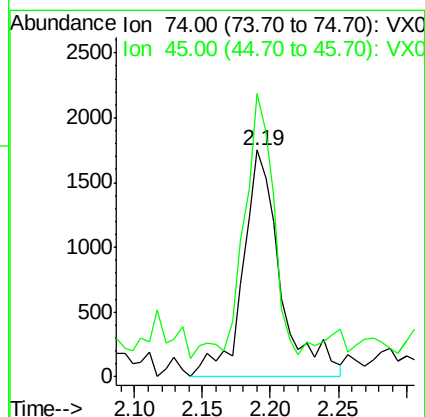
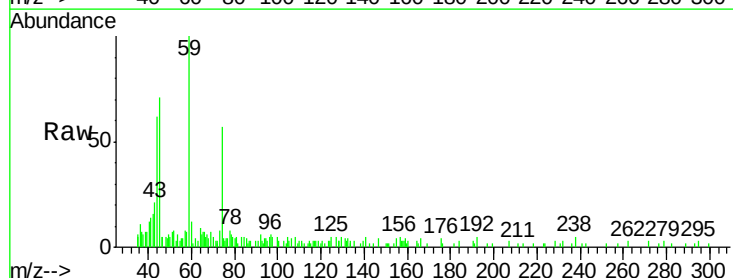
Tot Ion:101 Resp: 7343
Ion Ratio Lower Upper
101 100
103 67.4 52.6 79.0

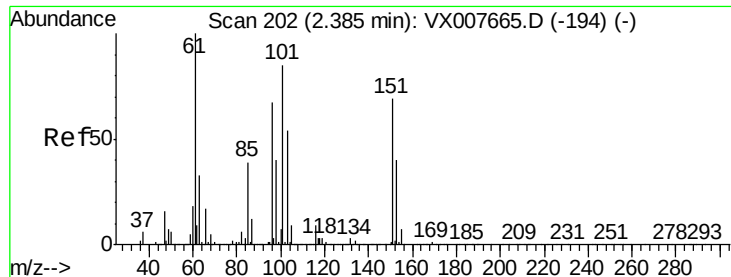


#8

Diethyl Ether
Concen: 1.206 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 74 Resp: 3380
Ion Ratio Lower Upper
74 100
45 87.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.194 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

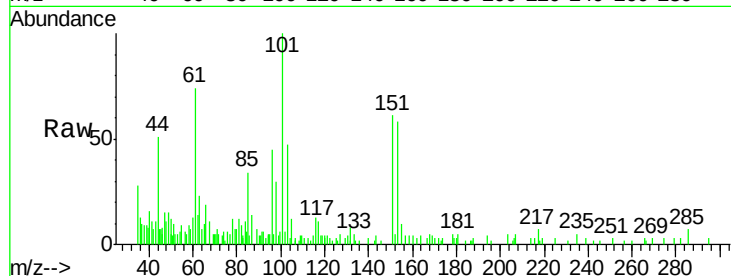
Tot Ion:101 Resp: 4928

Ion Ratio Lower Upper

101 100

85 46.6 34.1 51.1

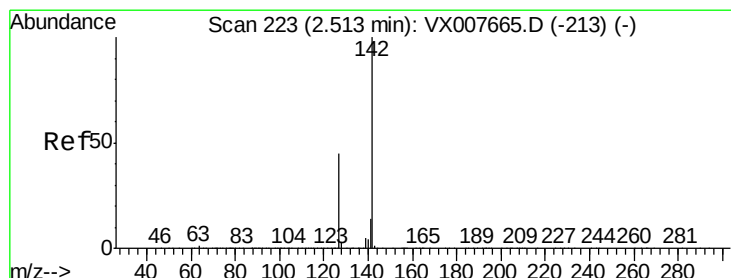
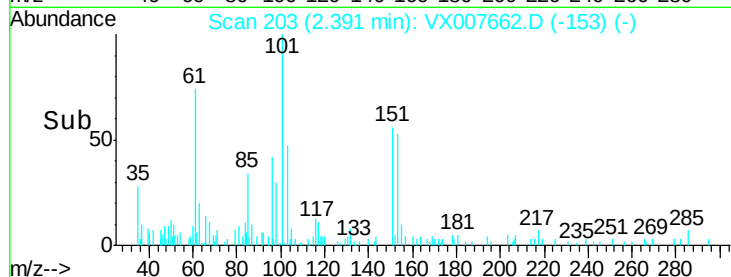
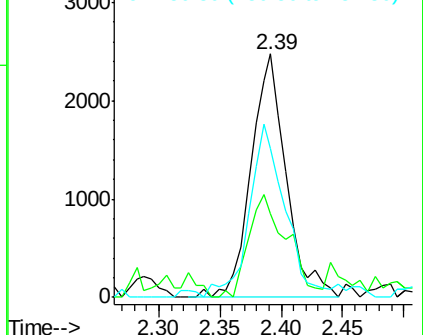
151 72.5 69.9 104.9



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: 0.851 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

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Acq: 25 Feb 2019 09:46

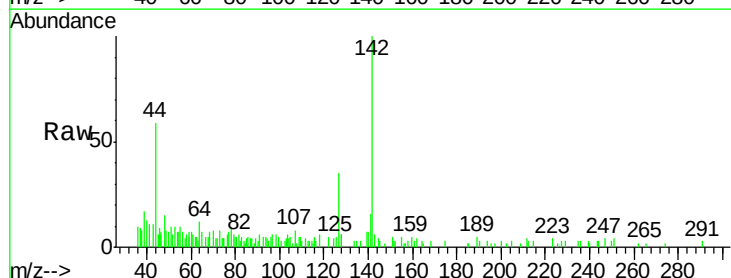
Tgt Ion:142 Resp: 4373

Ion Ratio Lower Upper

142 100

127 51.8 33.7 50.5#

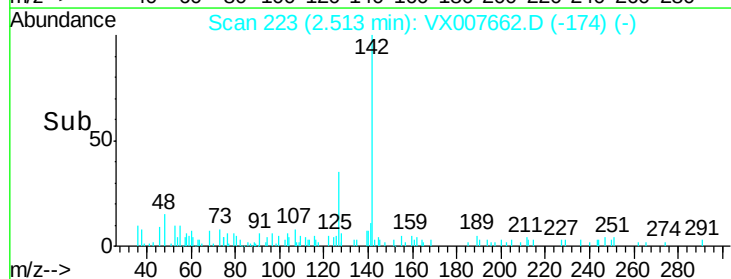
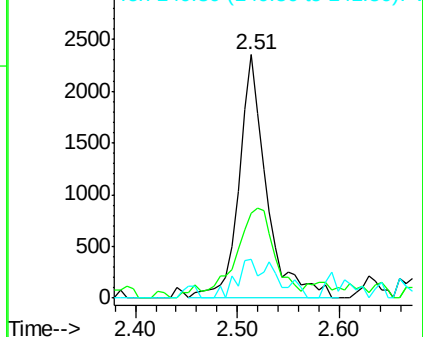
141 11.6 11.3 16.9

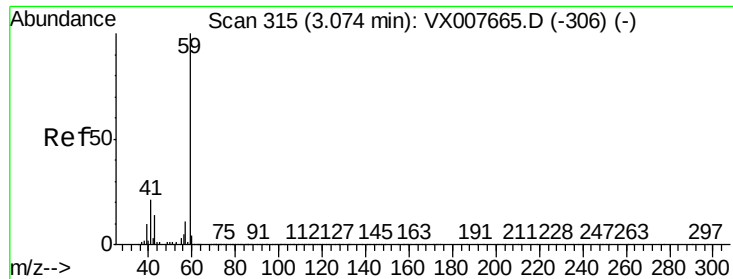


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

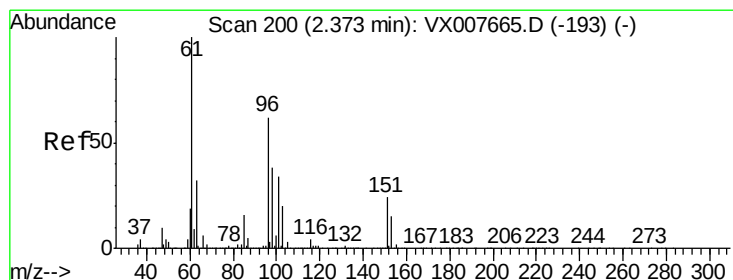
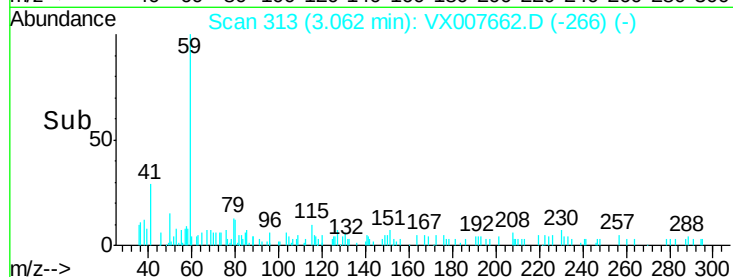
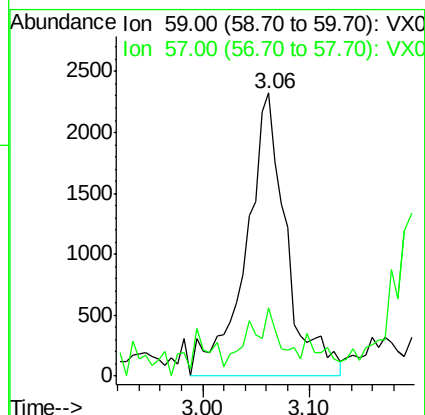
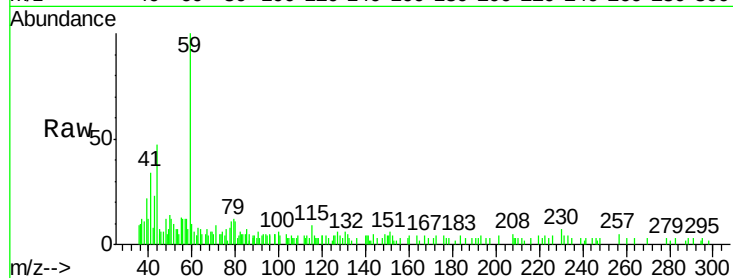




#11
Tert butyl alcohol
Concen: 6.235 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

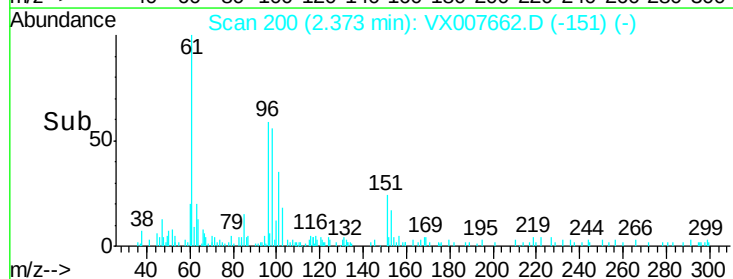
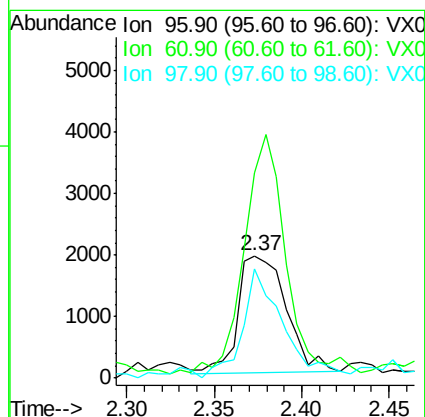
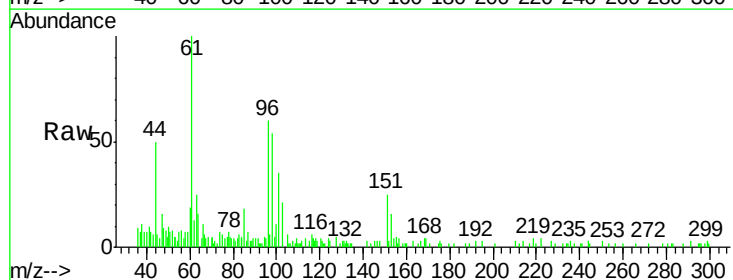
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

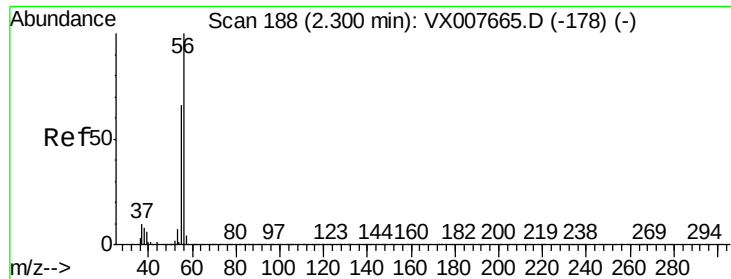
Tot Ion: 59 Resp: 6233
Ion Ratio Lower Upper
59 100
57 13.5 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.991 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 96 Resp: 3686
Ion Ratio Lower Upper
96 100
61 172.7 123.0 184.4
98 89.6 50.9 76.3#





#13

Acrolein

Concen: 5.425 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

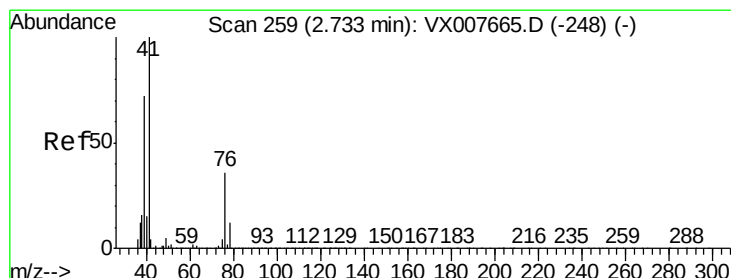
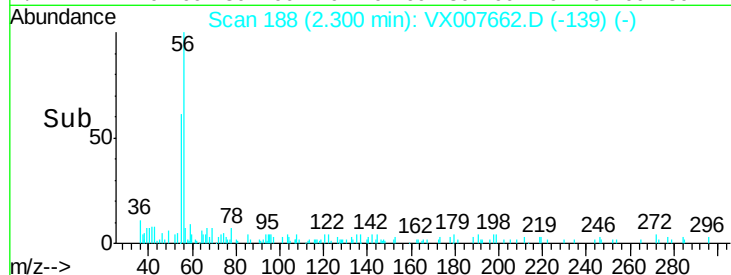
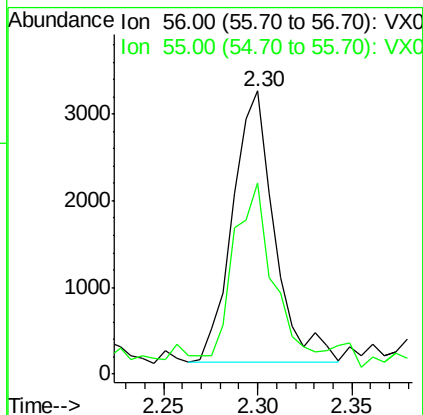
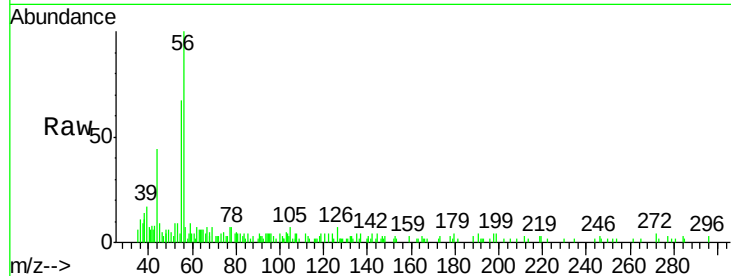
VSTDIC001

Tot Ion: 56 Resp: 4819

Ion Ratio Lower Upper

56 100

55 56.3 56.9 85.3#



#14

Allyl chloride

Concen: 0.979 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

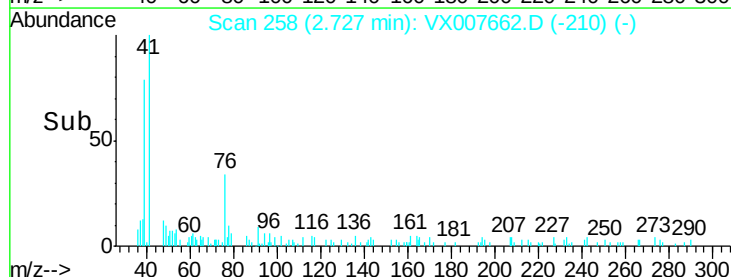
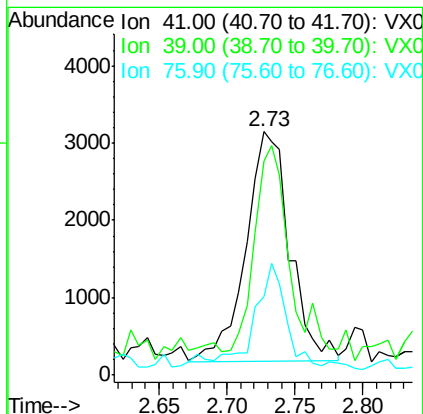
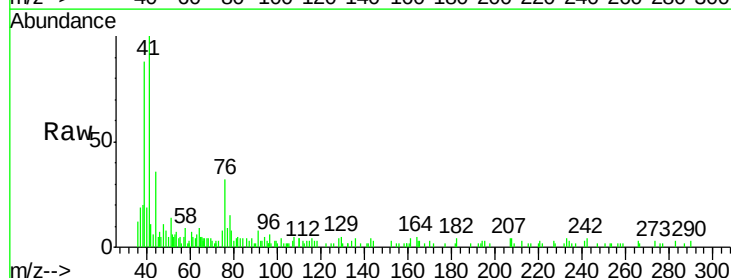
Tgt Ion: 41 Resp: 6737

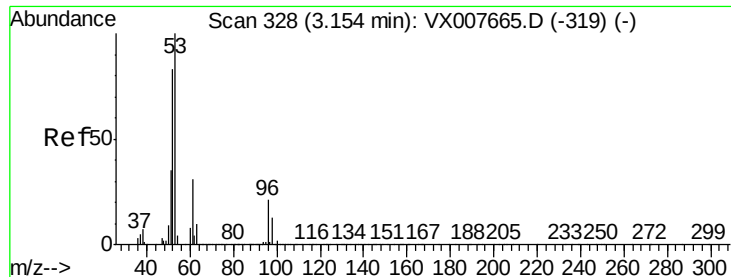
Ion Ratio Lower Upper

41 100

39 72.3 54.1 81.1

76 30.0 27.8 41.8





#15

Acrylonitrile

Concen: 5.051 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

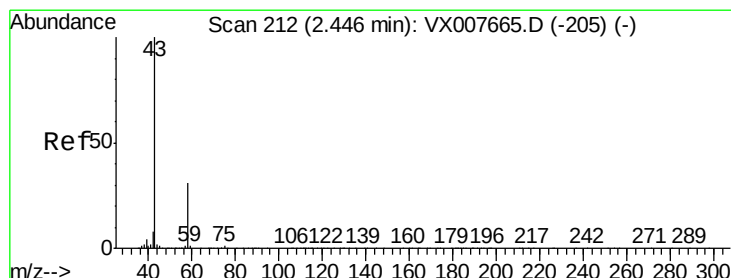
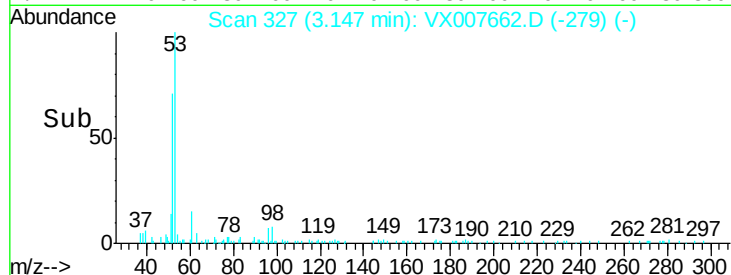
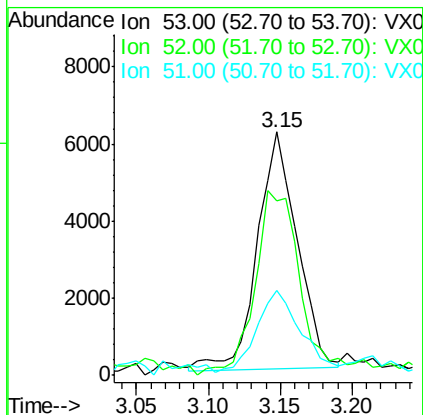
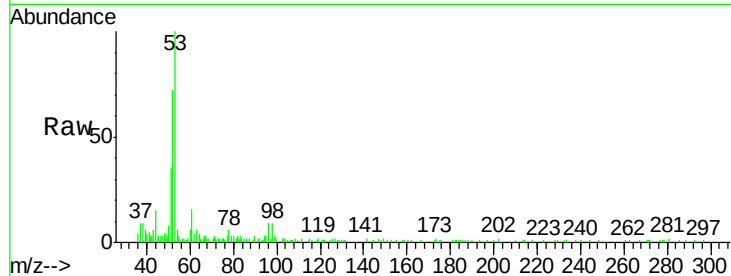
Tot Ion: 53 Resp: 11882

Ion Ratio Lower Upper

53 100

52 90.9 66.4 99.6

51 37.8 28.4 42.6



#16

Acetone

Concen: 6.055 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007662.D

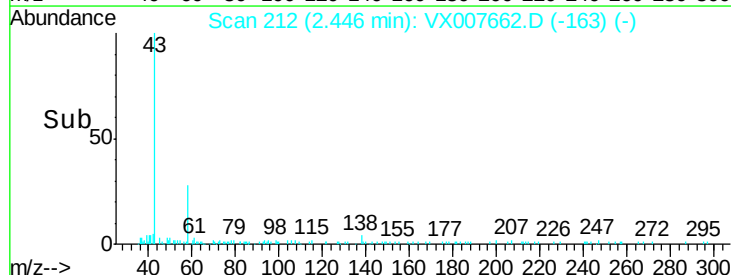
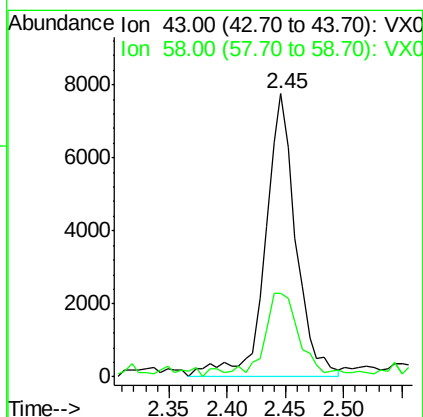
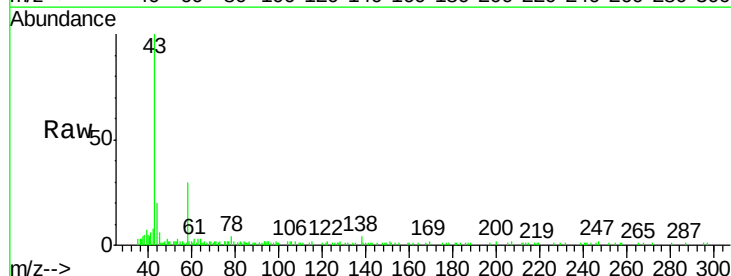
Acq: 25 Feb 2019 09:46

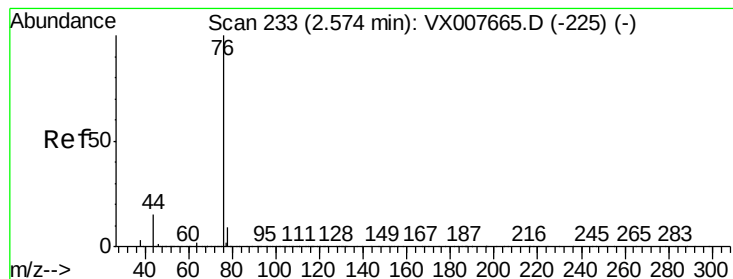
Tgt Ion: 43 Resp: 14186

Ion Ratio Lower Upper

43 100

58 27.7 24.9 37.3





#17

Carbon Disulfide

Concen: 1.018 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

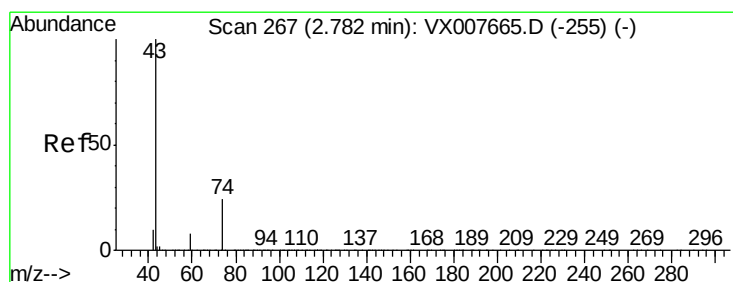
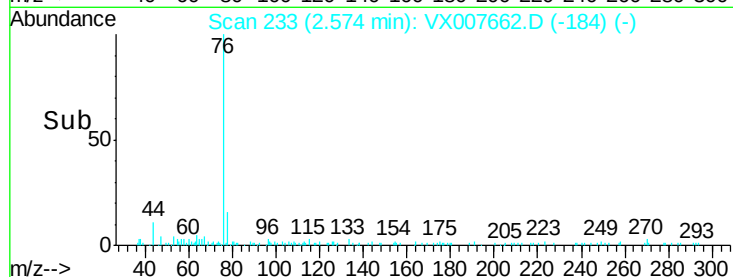
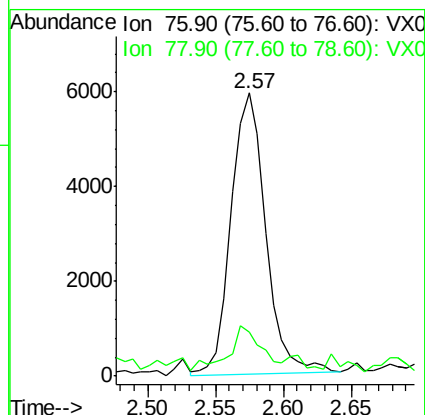
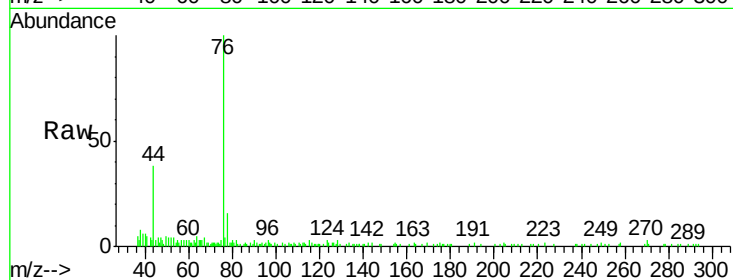
VSTDIC001

Tot Ion: 76 Resp: 10542

Ion Ratio Lower Upper

76 100

78 13.6 7.1 10.7#



#18

Methyl Acetate

Concen: 1.065 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007662.D

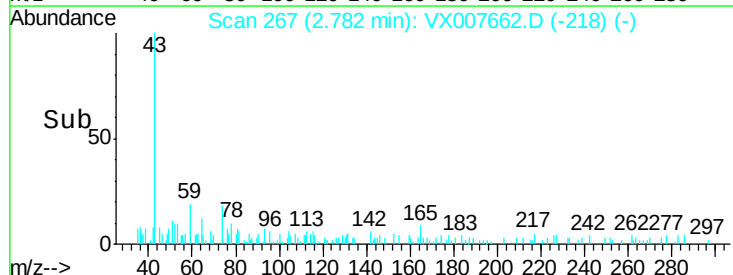
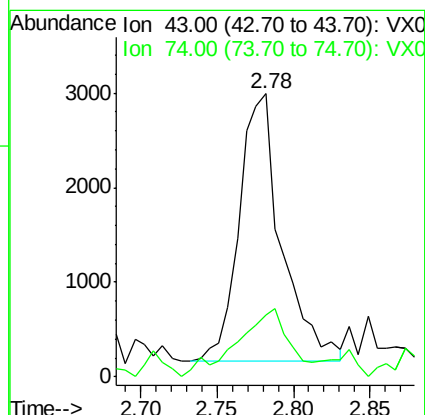
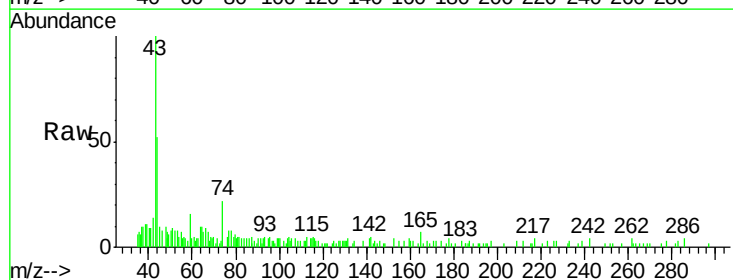
Acq: 25 Feb 2019 09:46

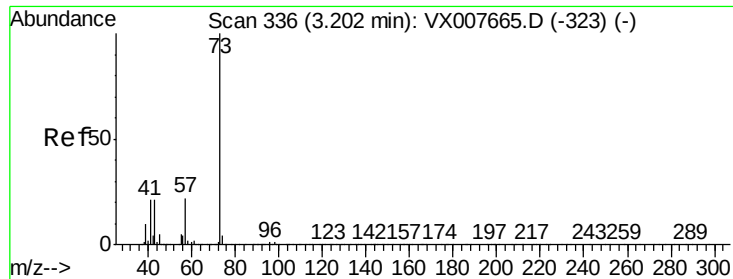
Tgt Ion: 43 Resp: 5443

Ion Ratio Lower Upper

43 100

74 31.7 19.4 29.2#

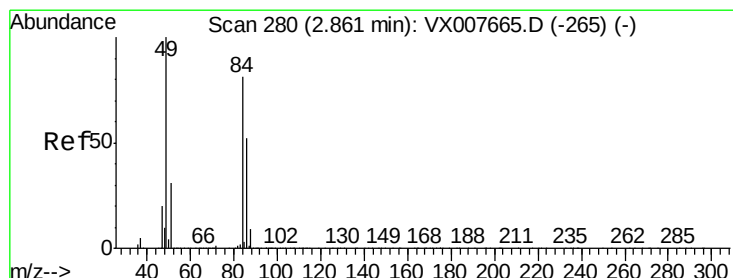
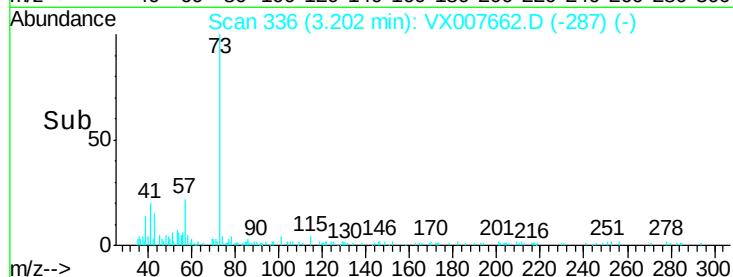
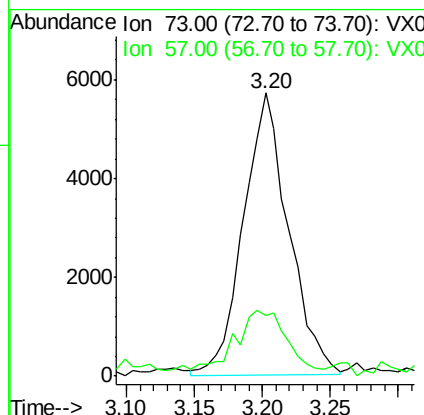
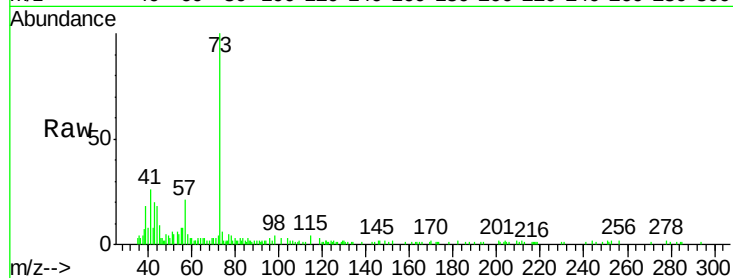




#19
Methyl tert-butyl Ether
Concen: 1.023 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

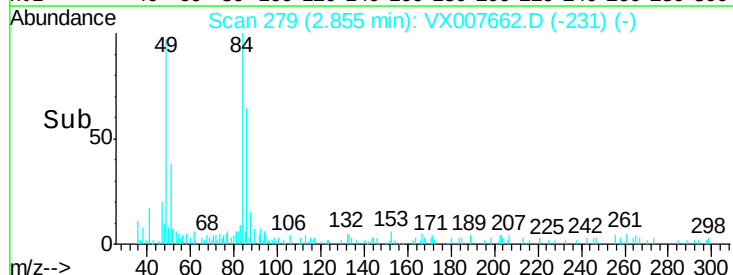
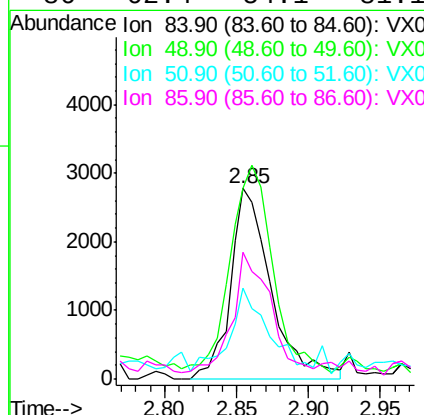
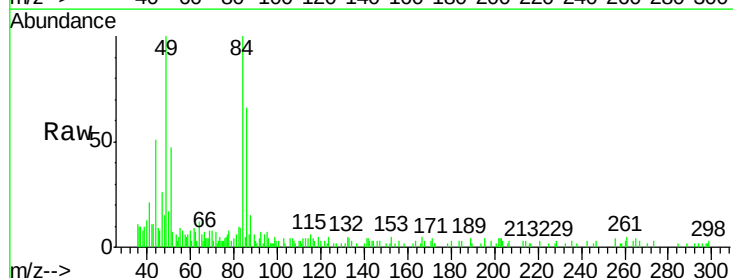
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

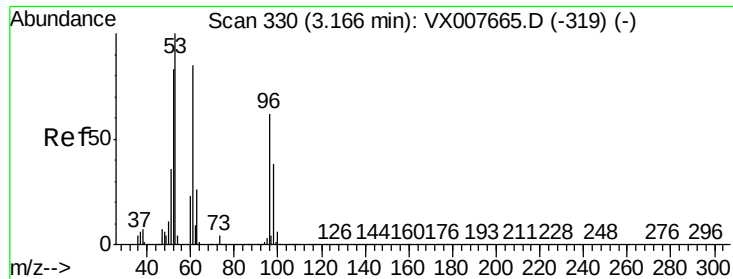
Tot Ion: 73 Resp: 13250
Ion Ratio Lower Upper
73 100
57 19.5 17.8 26.8



#20
Methylene Chloride
Concen: 1.268 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 84 Resp: 5485
Ion Ratio Lower Upper
84 100
49 93.3 94.8 142.2#
51 43.6 29.8 44.8
86 62.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 1.076 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

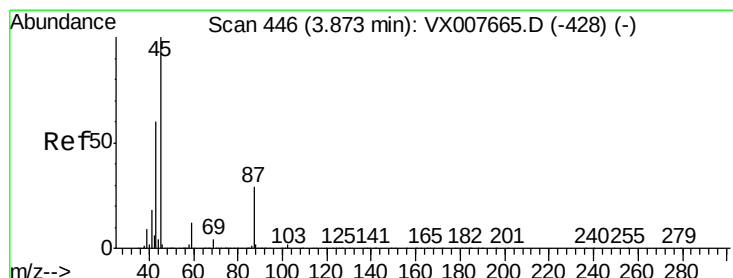
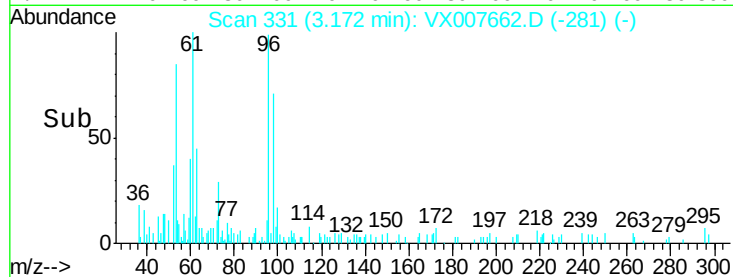
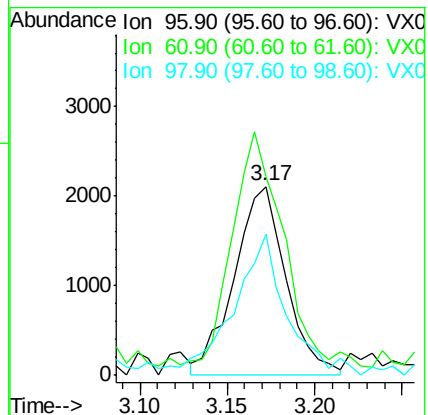
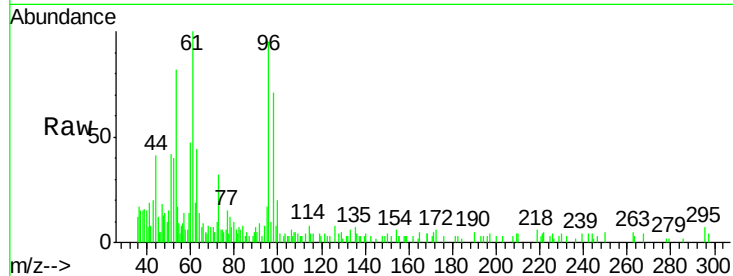
Tot Ion: 96 Resp: 4351

Ion Ratio Lower Upper

96 100

61 100.8 104.6 156.8#

98 67.8 51.0 76.4



#22

Diisopropyl ether

Concen: 0.910 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion: 45 Resp: 13026

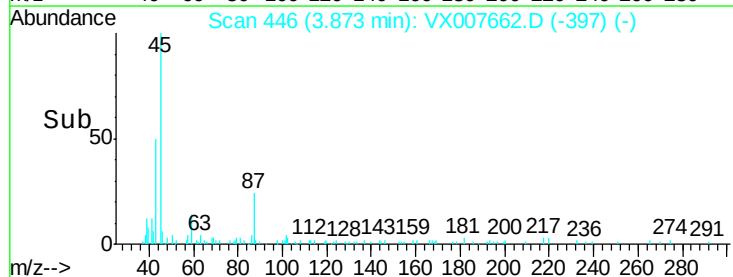
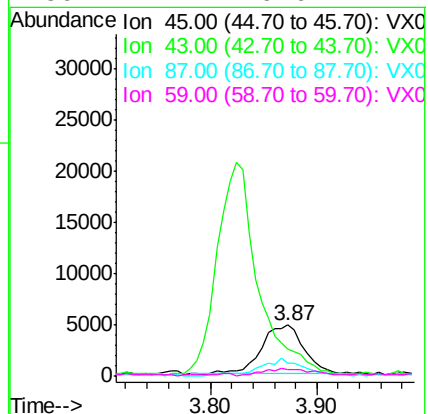
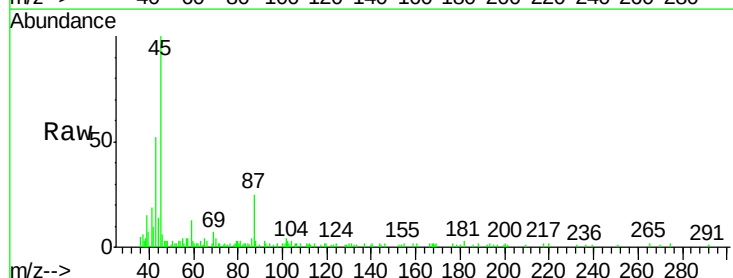
Ion Ratio Lower Upper

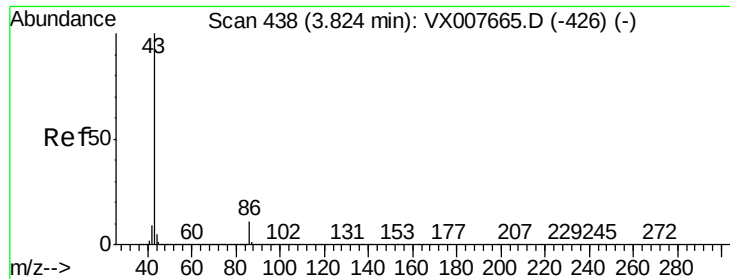
45 100

43 49.6 48.9 73.3

87 24.9 23.9 35.9

59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 4.548 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

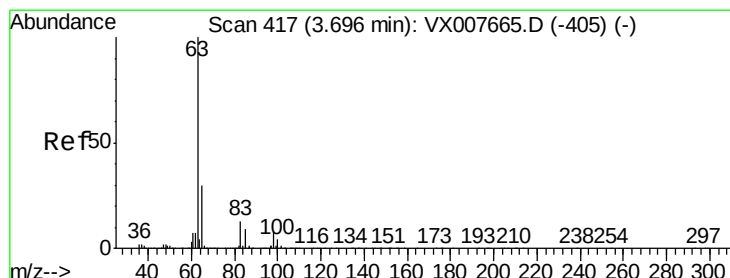
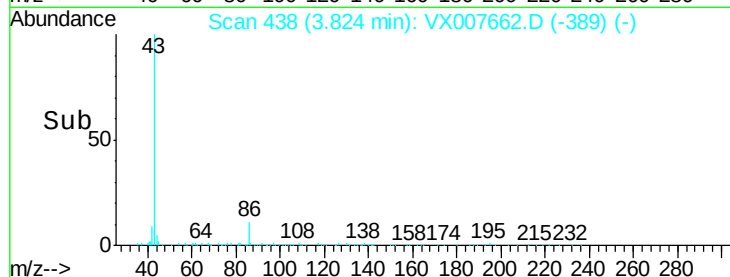
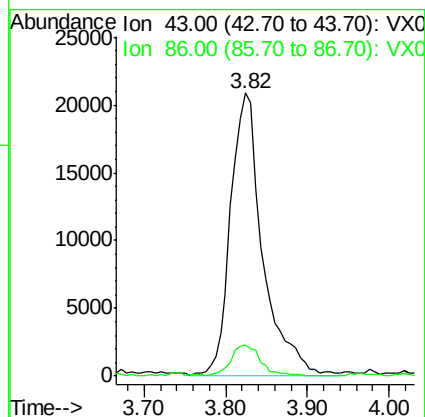
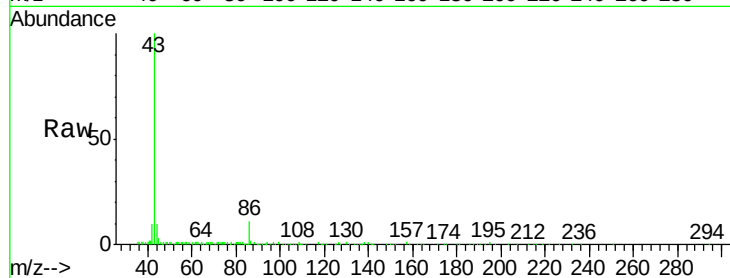
VSTDIC001

Tot Ion: 43 Resp: 57145

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 1.098 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

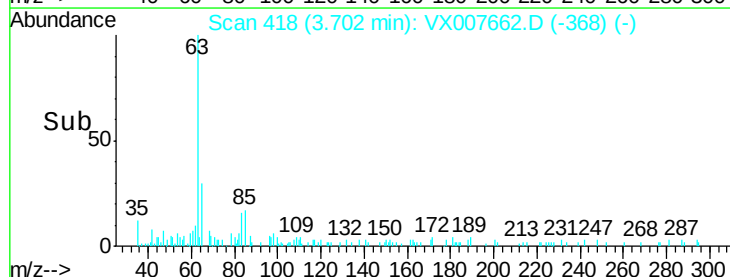
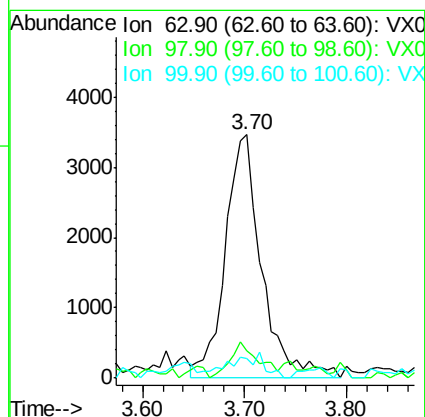
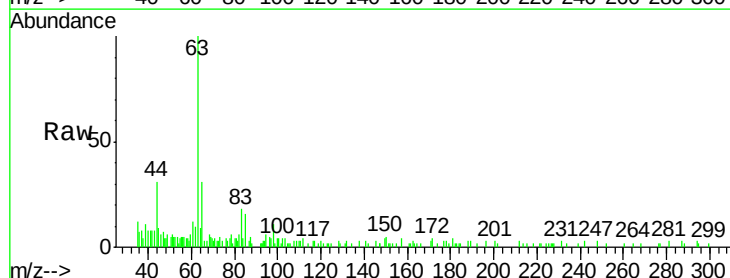
Tgt Ion: 63 Resp: 8549

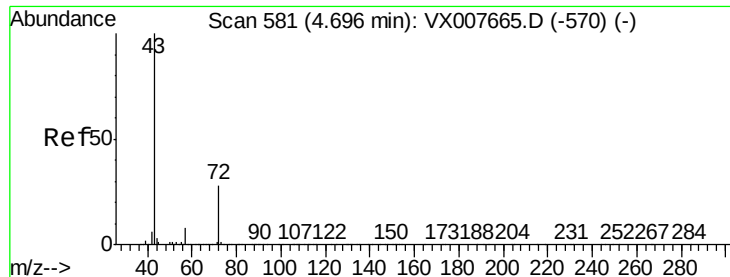
Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 4.850 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

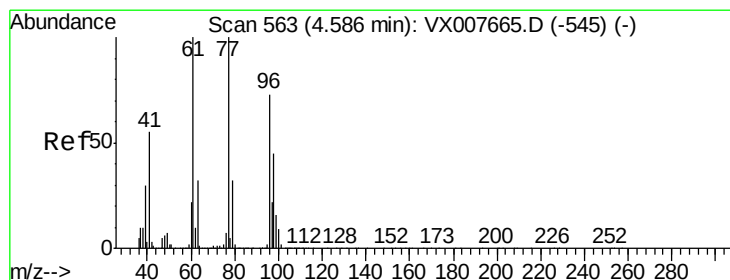
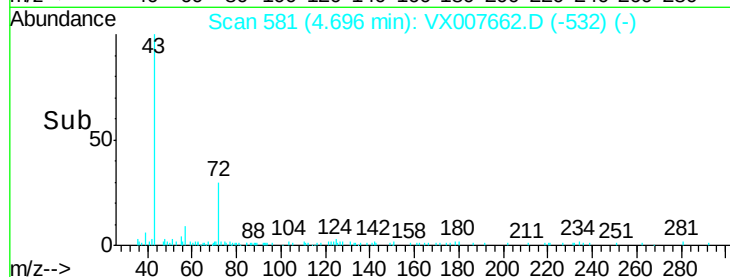
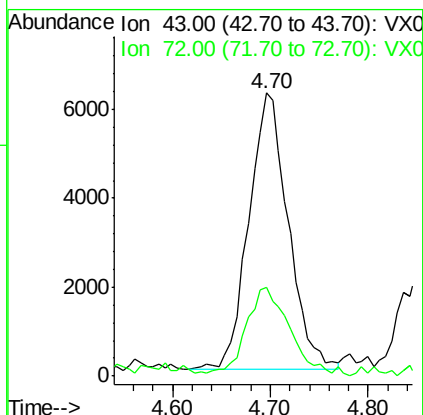
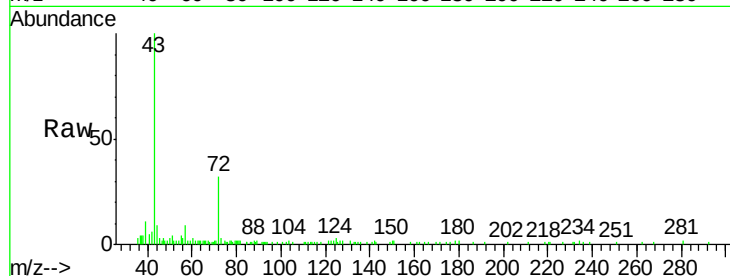
VSTDIC001

Tot Ion: 43 Resp: 17308

Ion Ratio Lower Upper

43 100

72 29.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 1.086 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007662.D

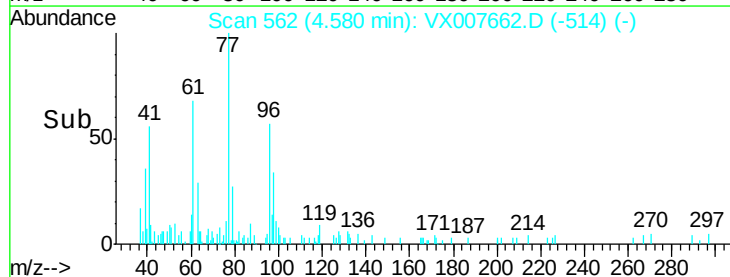
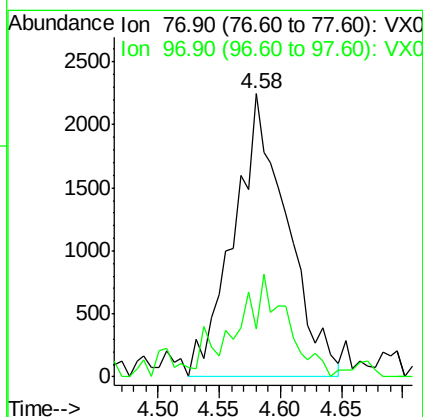
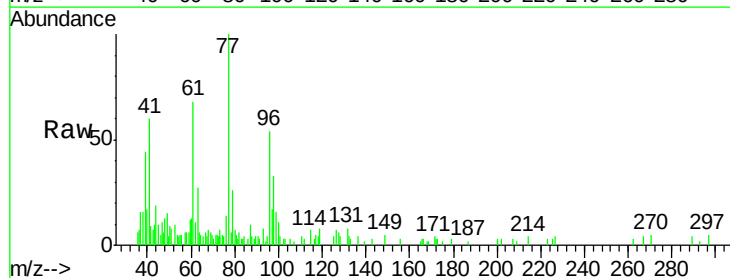
Acq: 25 Feb 2019 09:46

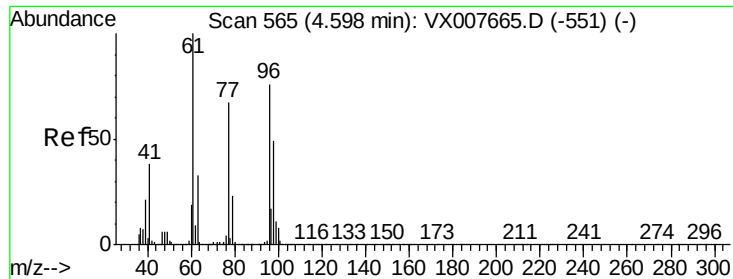
Tgt Ion: 77 Resp: 6749

Ion Ratio Lower Upper

77 100

97 29.9 12.1 36.3



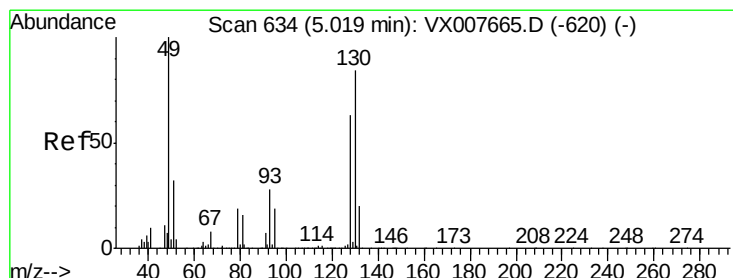
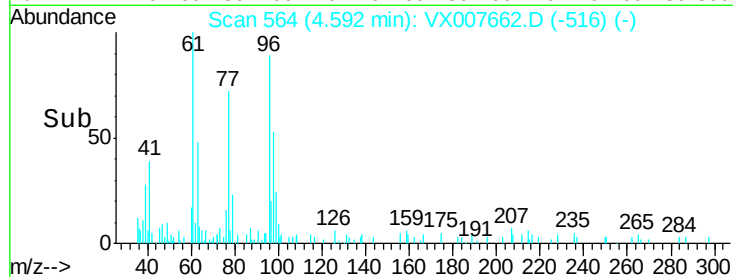
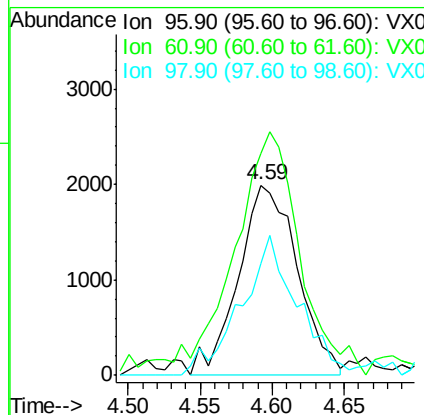
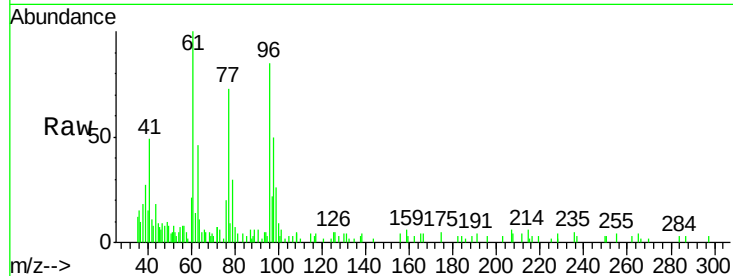


#27

cis-1,2-Dichloroethene
Concen: 1.104 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

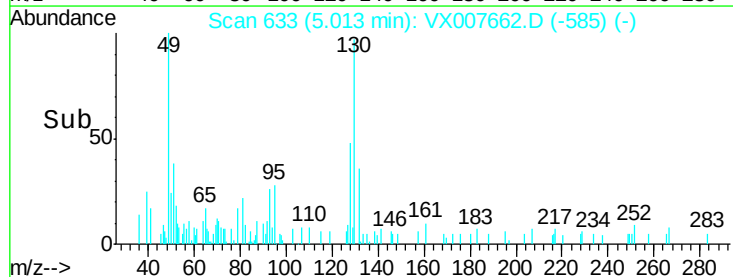
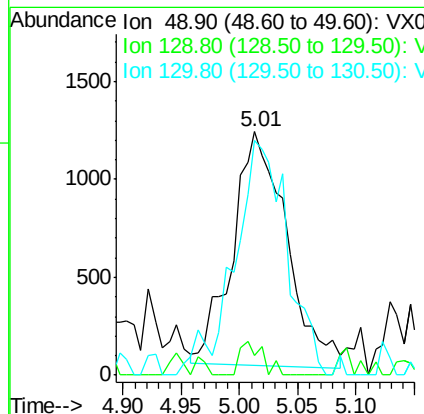
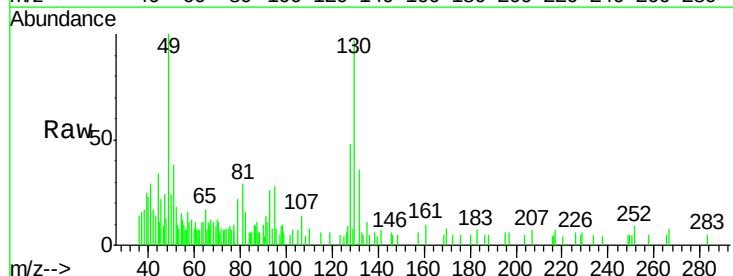
Tot Ion: 96 Resp: 5683
Ion Ratio Lower Upper
96 100
61 144.5 0.0 265.6
98 69.9 0.0 131.6

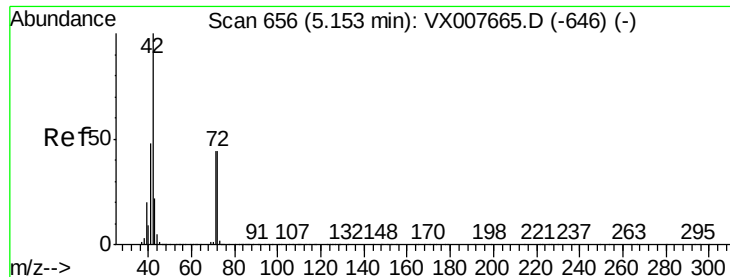


#28

Bromochloromethane
Concen: 1.018 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 49 Resp: 3859
Ion Ratio Lower Upper
49 100
129 6.0 0.0 5.6#
130 92.0 75.6 113.4





#29

Tetrahydrofuran

Concen: 5.187 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

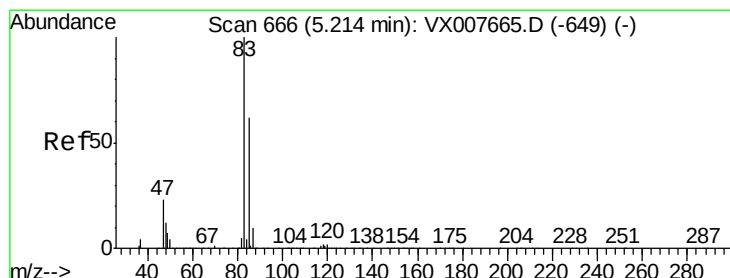
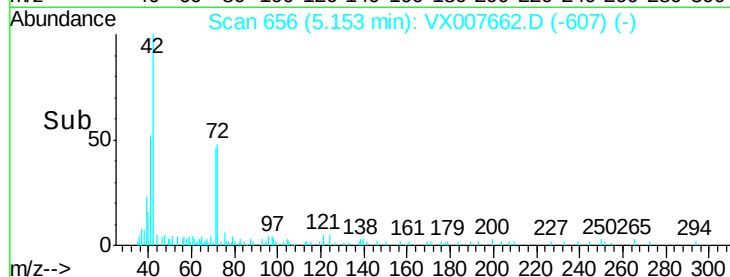
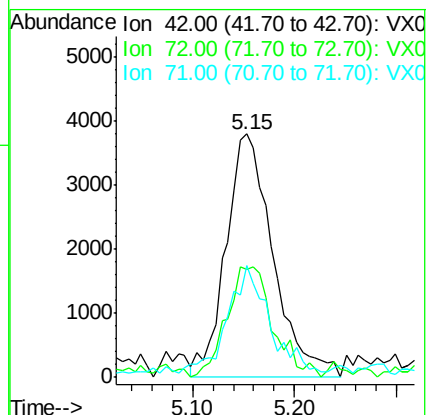
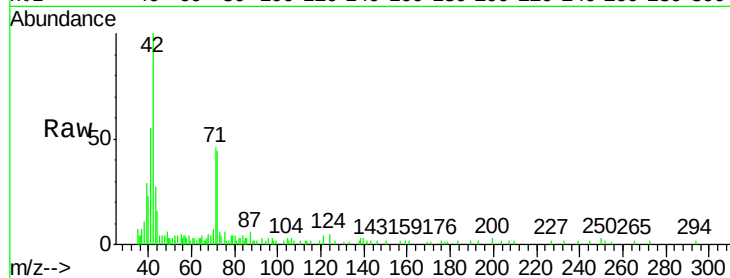
Tot Ion: 42 Resp: 12202

Ion Ratio Lower Upper

42 100

72 44.5 37.6 56.4

71 39.8 34.6 51.8



#30

Chloroform

Concen: 1.044 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007662.D

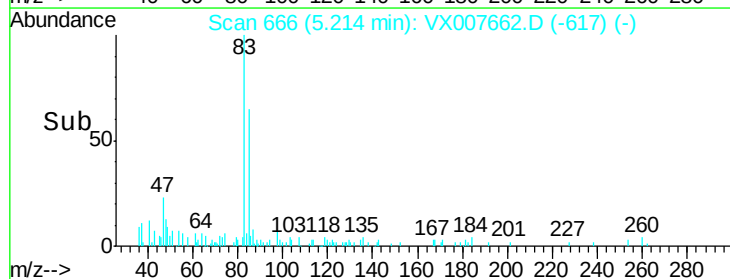
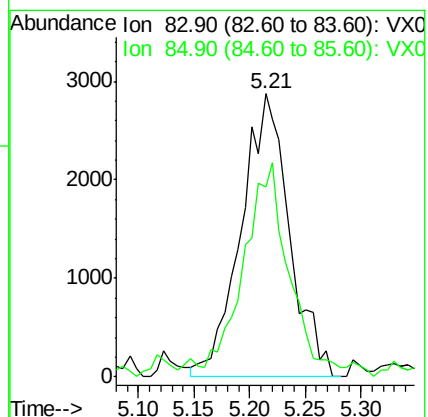
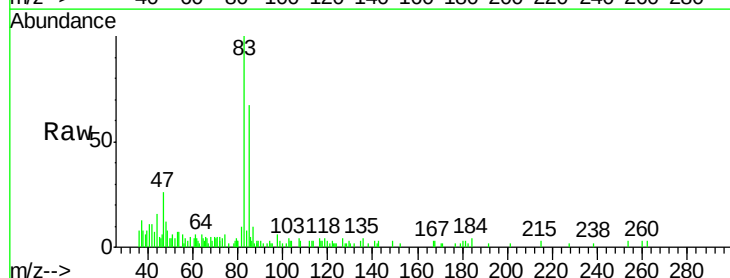
Acq: 25 Feb 2019 09:46

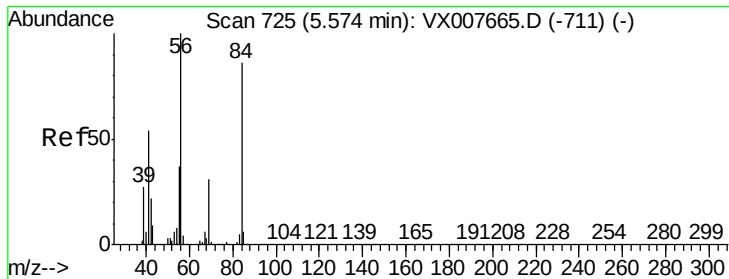
Tgt Ion: 83 Resp: 8703

Ion Ratio Lower Upper

83 100

85 68.4 51.6 77.4

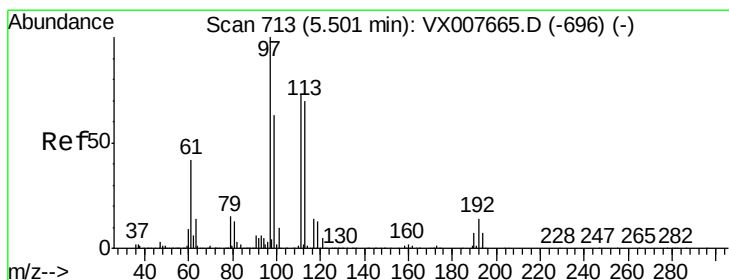
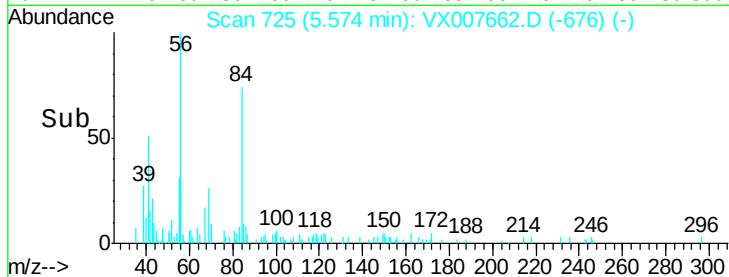
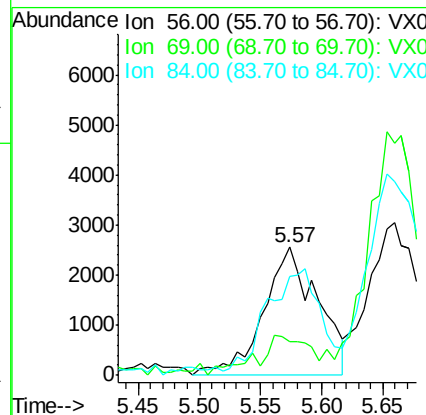
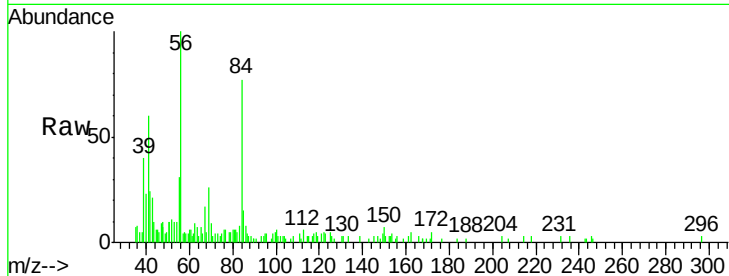




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

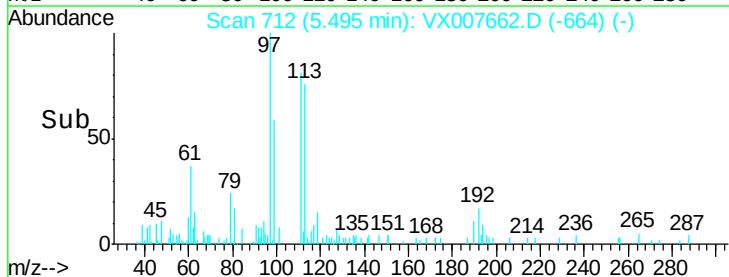
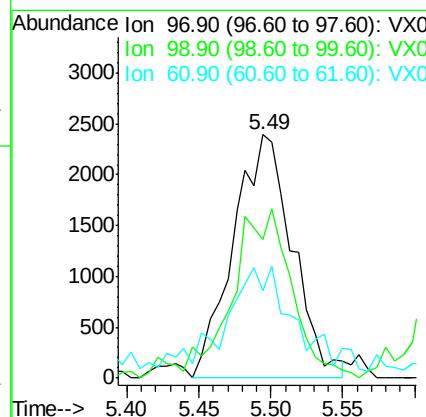
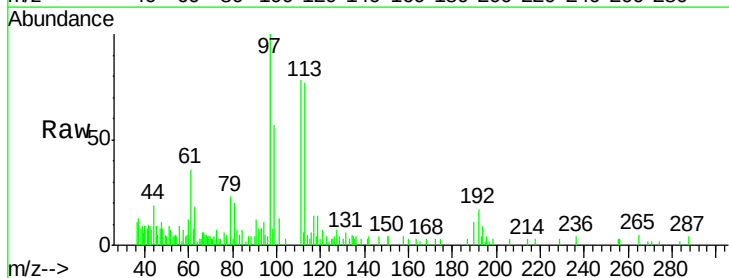
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

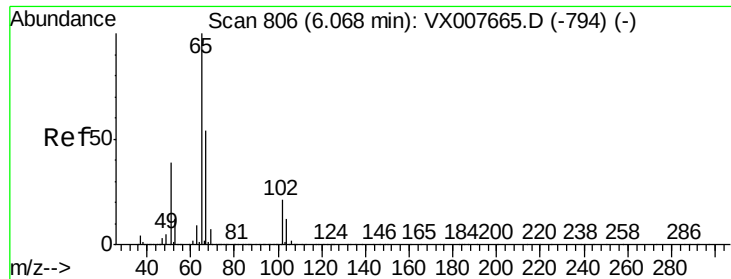
Tot Ion: 56 Resp: 7890
Ion Ratio Lower Upper
56 100
69 19.7 23.0 34.6#
84 72.3 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 0.992 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 97 Resp: 6837
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 51.5 32.7 49.1#

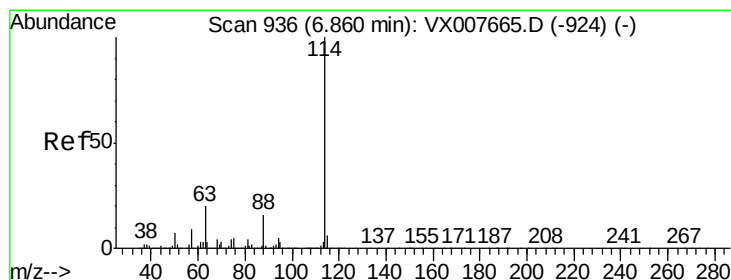
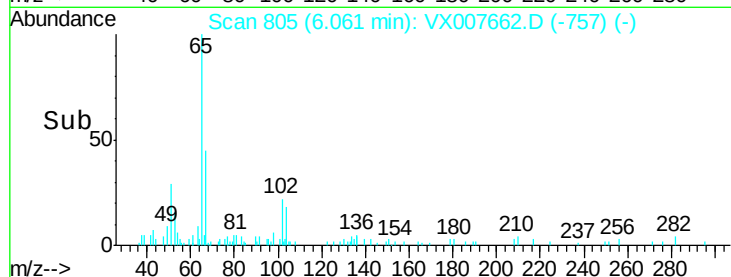
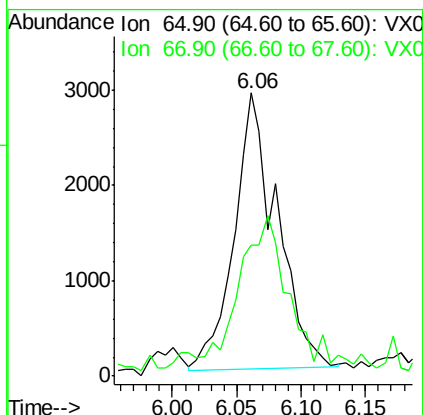
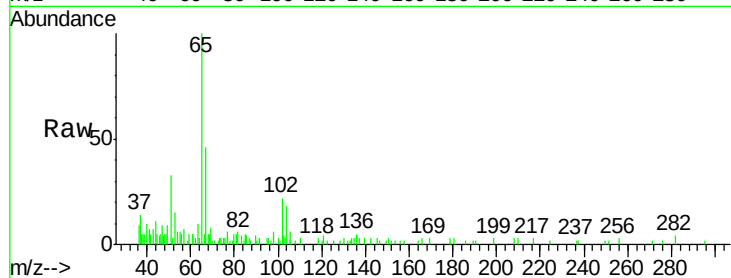




#33
 1,2-Dichloroethane-d4
 Concen: 1.259 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

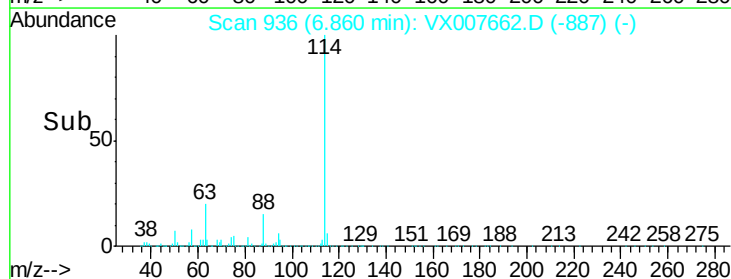
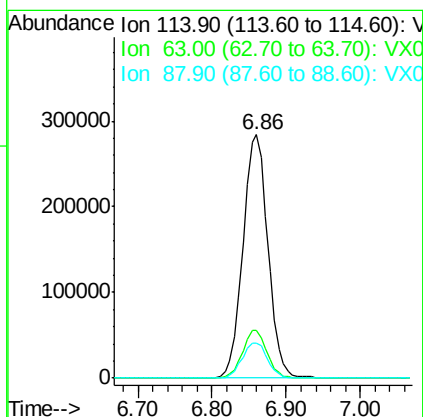
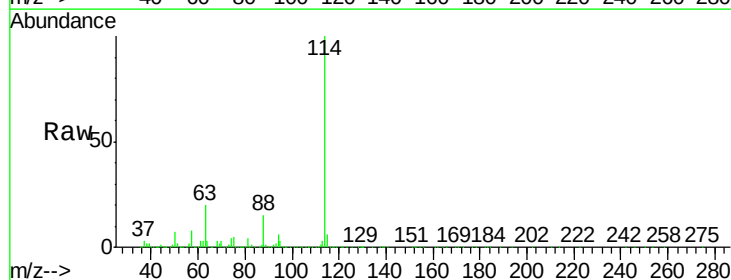
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

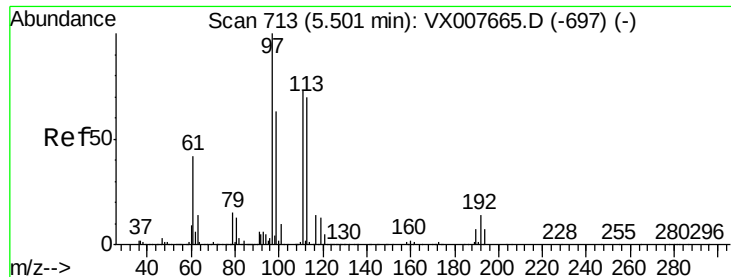
Tot Ion: 65 Resp: 6635
 Ion Ratio Lower Upper
 65 100
 67 64.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 114 Resp: 668841
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.6
 88 14.5 0.0 29.6

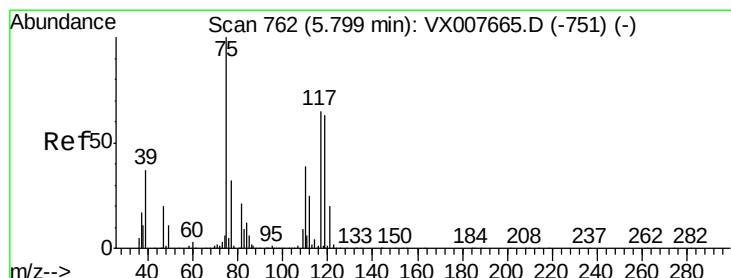
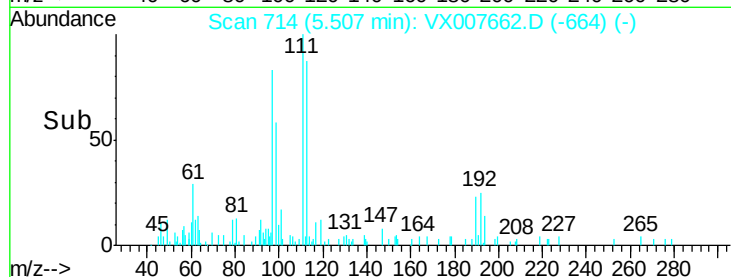
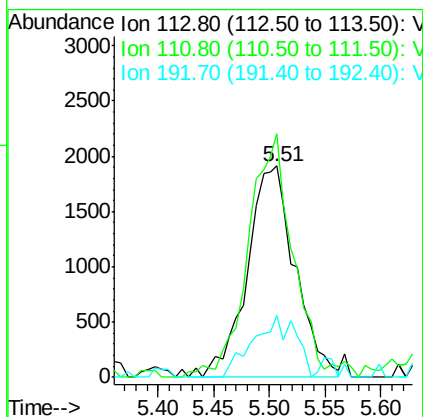
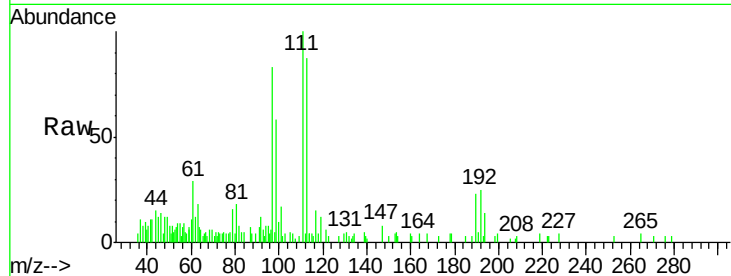




#35
 Dibromofluoromethane
 Concen: 1.281 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

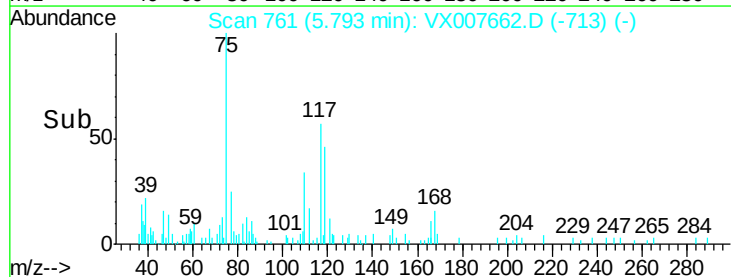
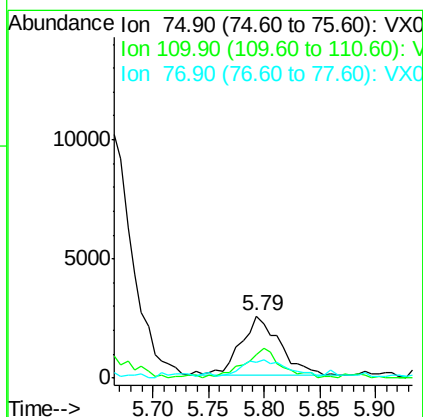
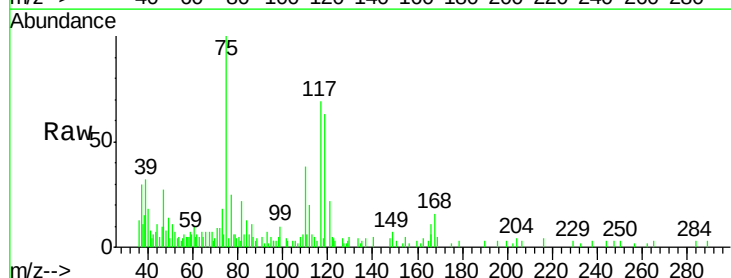
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

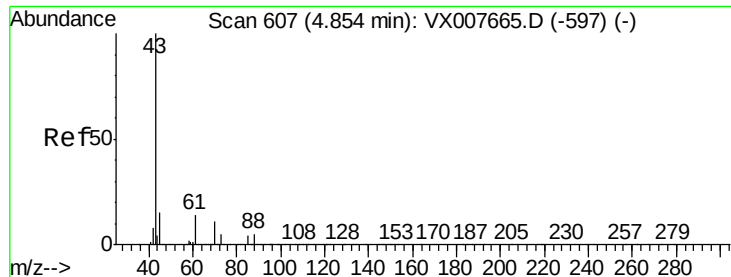
Tot Ion:113 Resp: 5729
 Ion Ratio Lower Upper
 113 100
 111 105.8 81.8 122.8
 192 26.0 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 1.033 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 75 Resp: 6210
 Ion Ratio Lower Upper
 75 100
 110 46.8 20.0 59.9
 77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 0.998 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

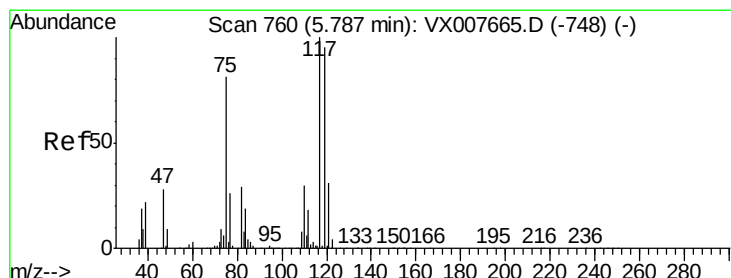
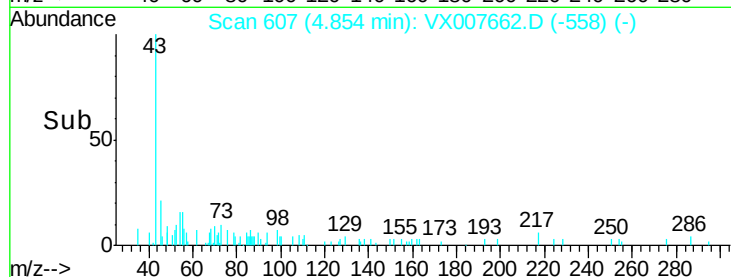
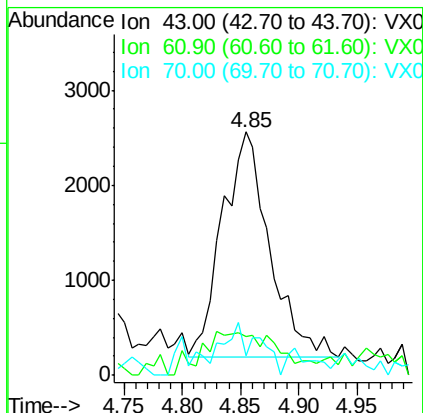
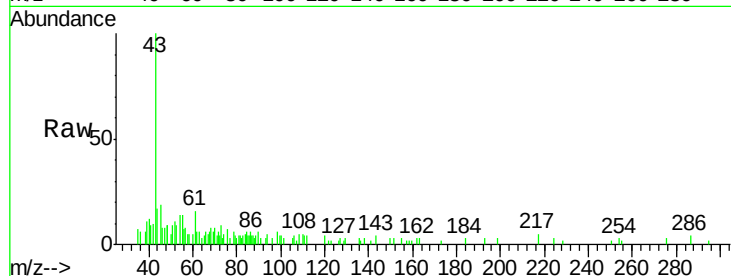
Tot Ion: 43 Resp: 6665

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 6.5 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 1.078 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

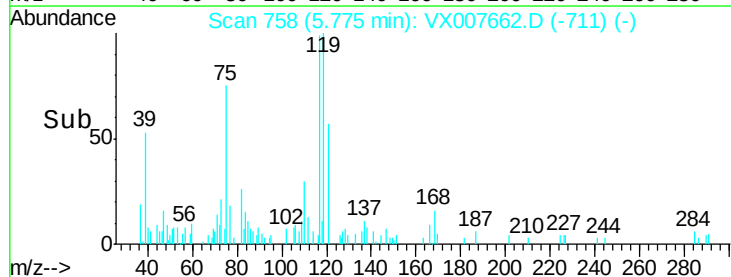
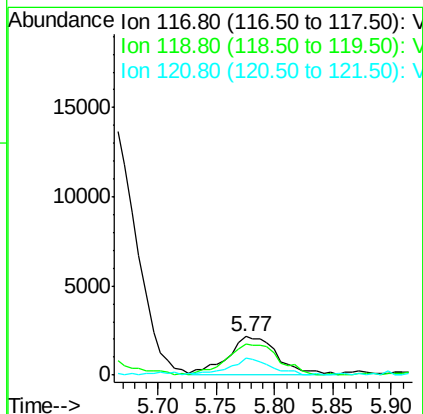
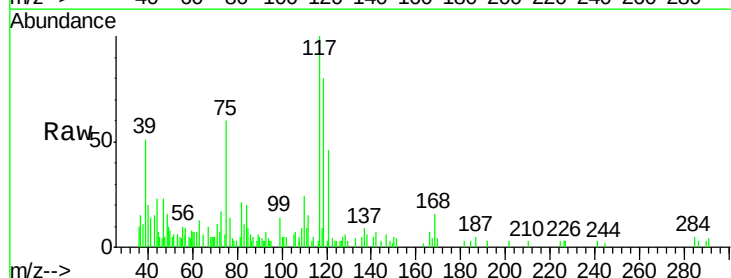
Tgt Ion: 117 Resp: 6512

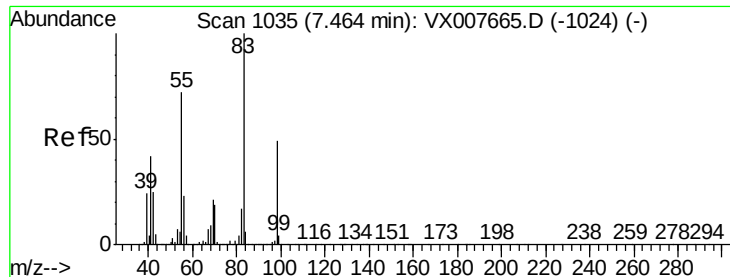
Ion Ratio Lower Upper

117 100

119 80.0 75.3 112.9

121 42.5 25.0 37.4#

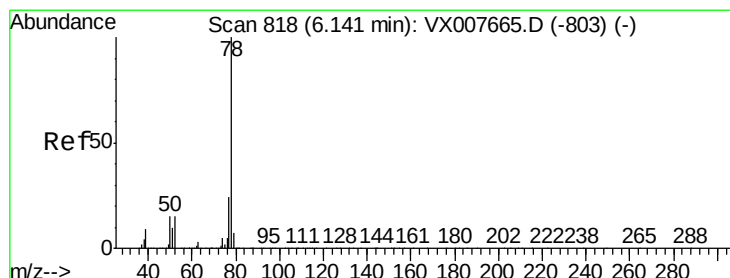
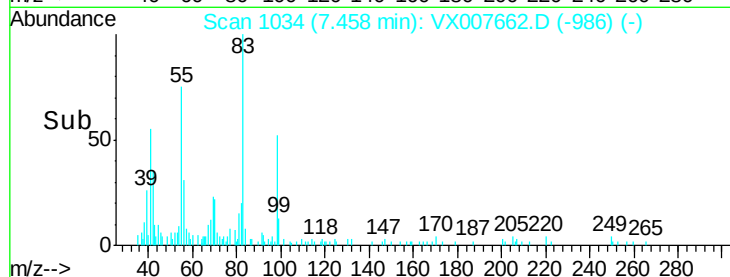
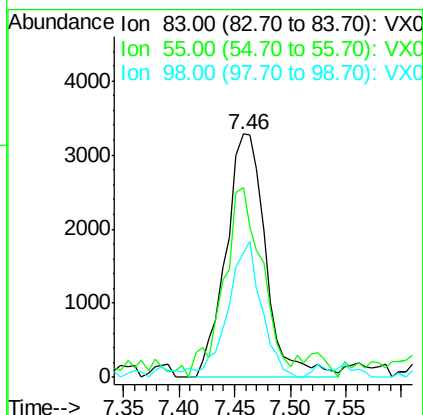
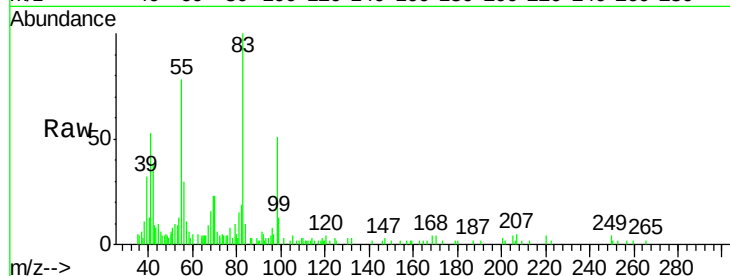




#39
Methylvlcyclohexane
Concen: 1.069 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

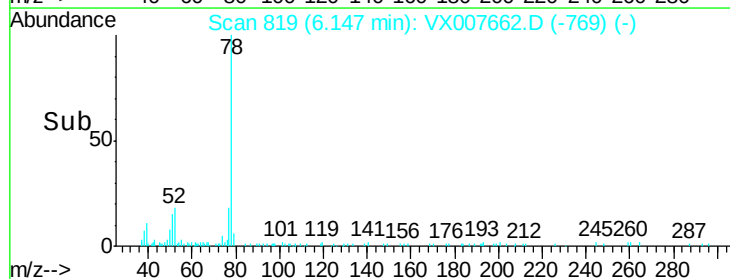
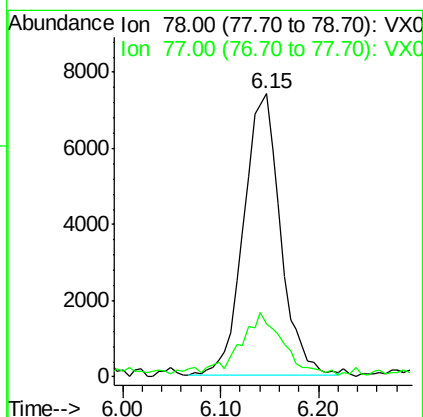
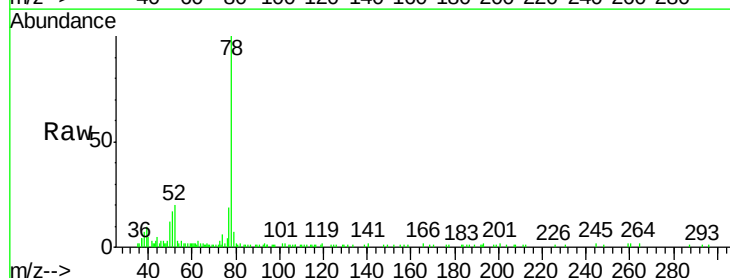
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

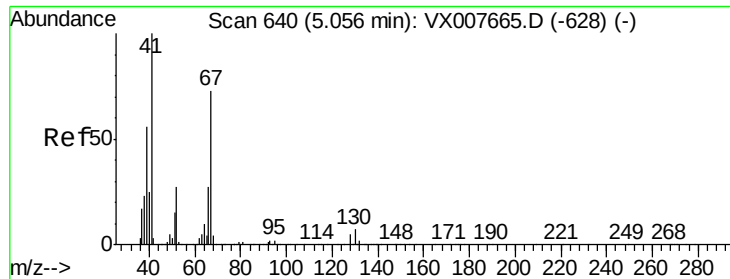
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	56.2	84.2
98	45.3	36.8	55.2



#40
Benzene
Concen: 1.037 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.3	19.3	28.9#





#41

Methacrylonitrile

Concen: 0.971 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 3463

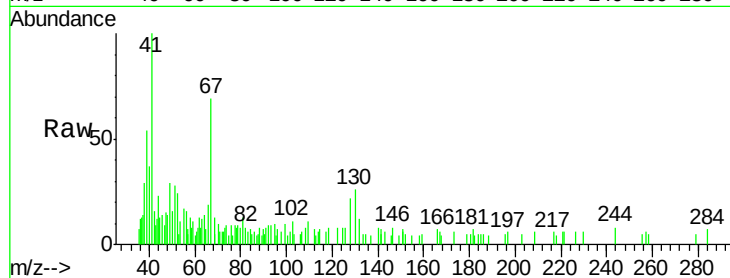
Ion Ratio Lower Upper

41 100

39 78.4 44.5 66.7#

67 86.9 60.4 90.6

52 0.0 24.1 36.1#

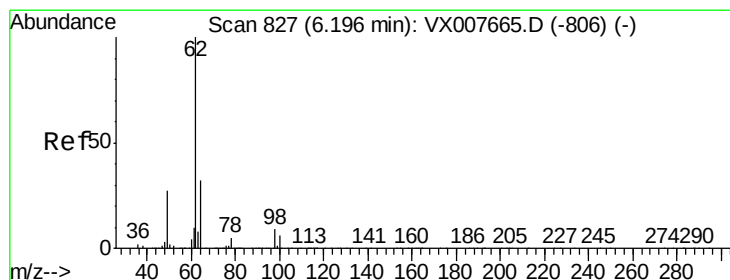
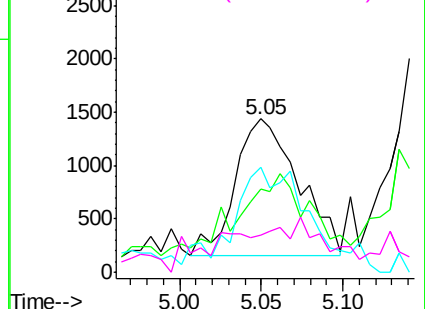
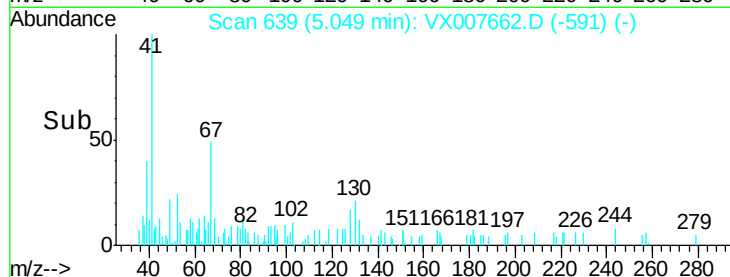


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.023 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007662.D

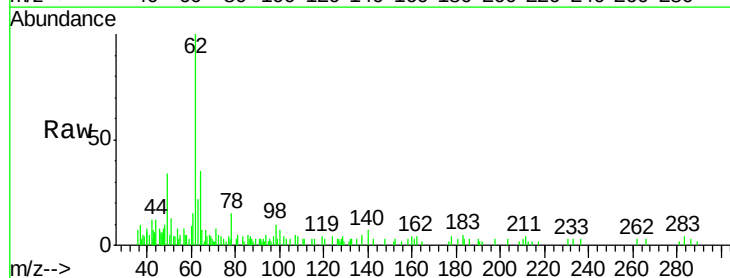
Acq: 25 Feb 2019 09:46

Tgt Ion: 62 Resp: 6383

Ion Ratio Lower Upper

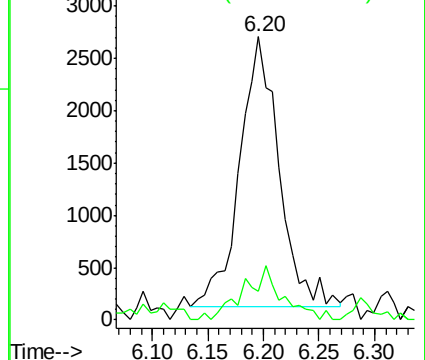
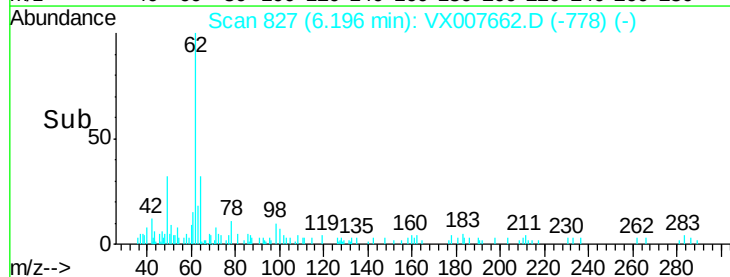
62 100

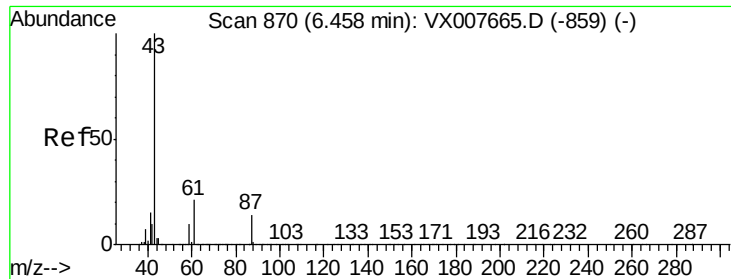
98 19.6 0.0 19.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.870 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

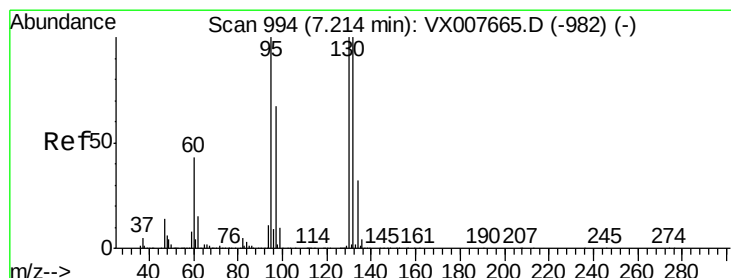
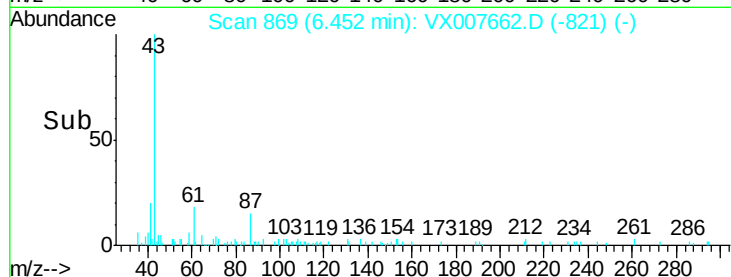
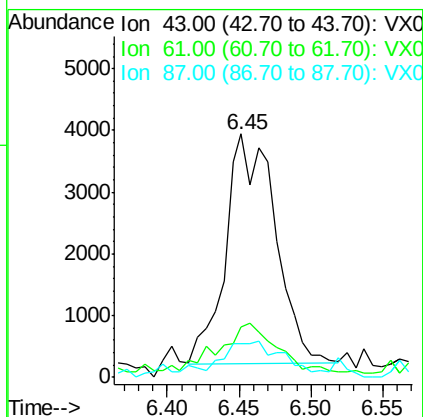
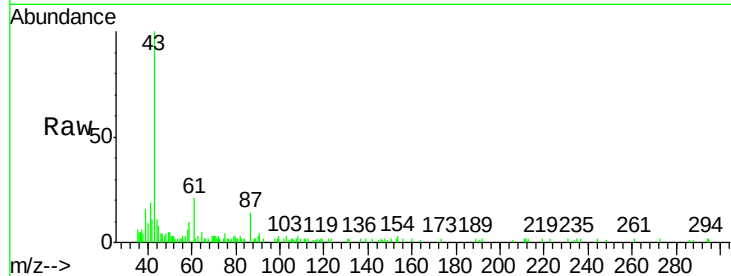
Tot Ion: 43 Resp: 8939

Ion Ratio Lower Upper

43 100

61 27.9 16.1 24.1#

87 20.0 11.5 17.3#



#44

Trichloroethene

Concen: 1.046 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007662.D

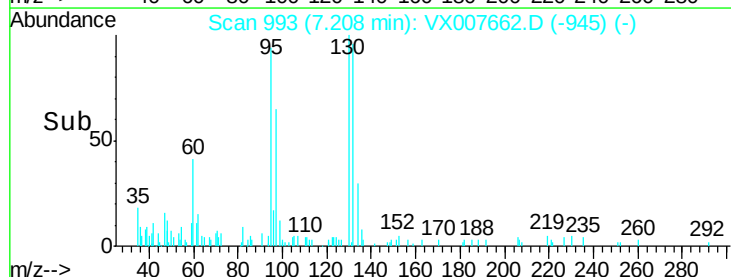
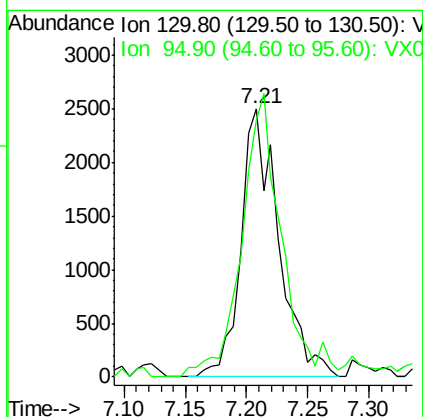
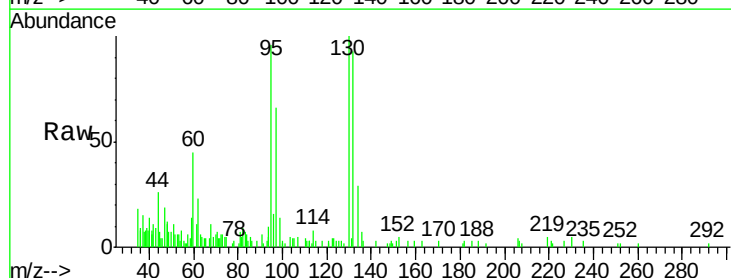
Acq: 25 Feb 2019 09:46

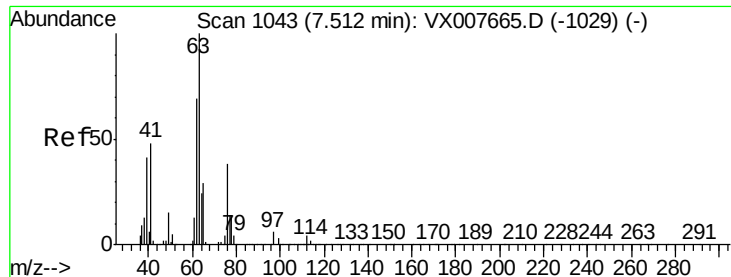
Tgt Ion: 130 Resp: 5342

Ion Ratio Lower Upper

130 100

95 93.2 0.0 180.0

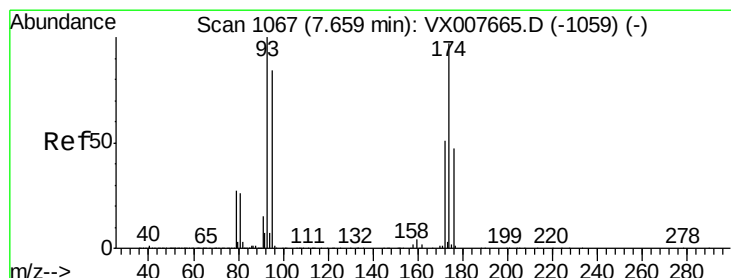
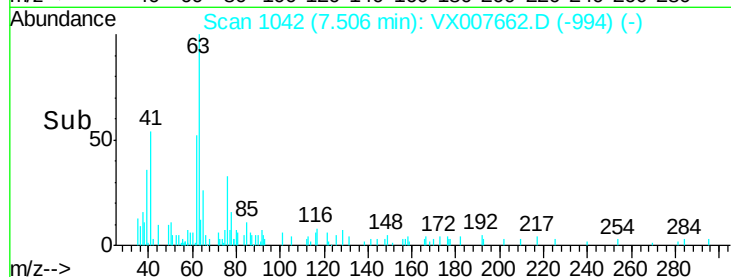
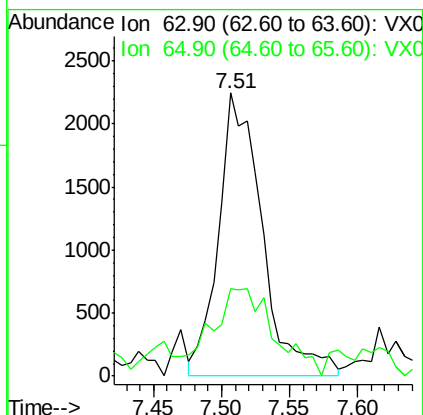
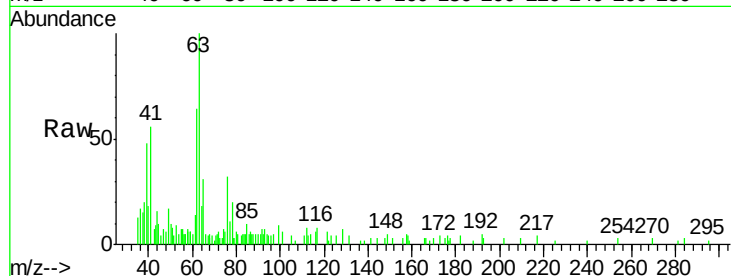




#45
 1,2-Dichloropropane
 Concen: 1.046 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

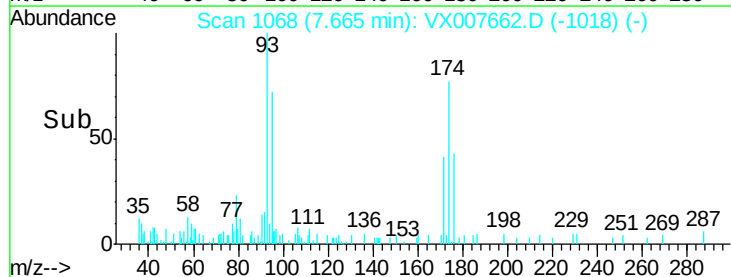
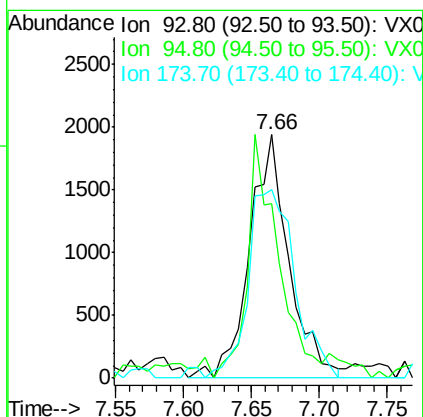
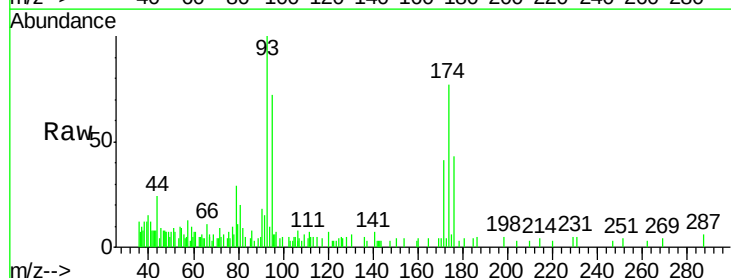
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

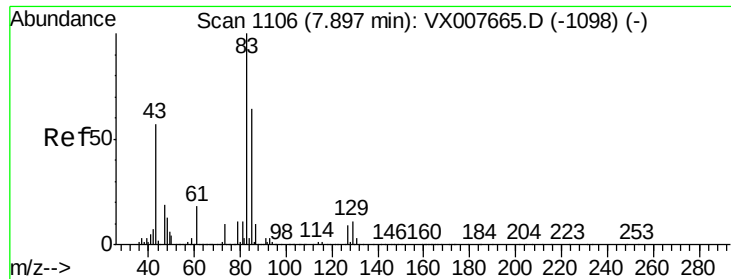
Tot Ion: 63 Resp: 5028
 Ion Ratio Lower Upper
 63 100
 65 24.1 24.2 36.2#



#46
 Dibromomethane
 Concen: 1.176 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 93 Resp: 3944
 Ion Ratio Lower Upper
 93 100
 95 77.6 67.6 101.4
 174 91.8 94.2 141.4#





#47

Bromodichloromethane

Concen: 0.919 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

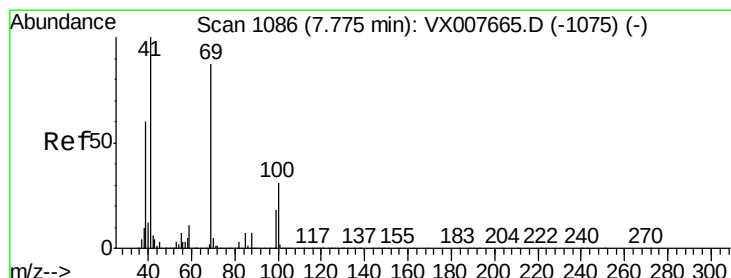
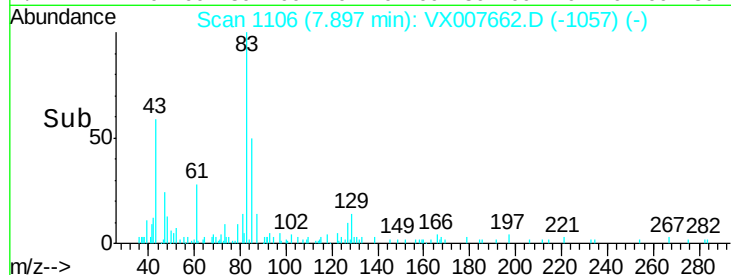
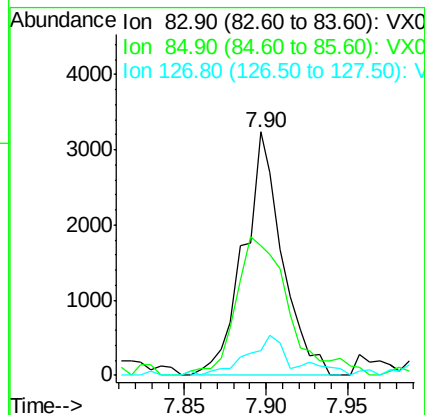
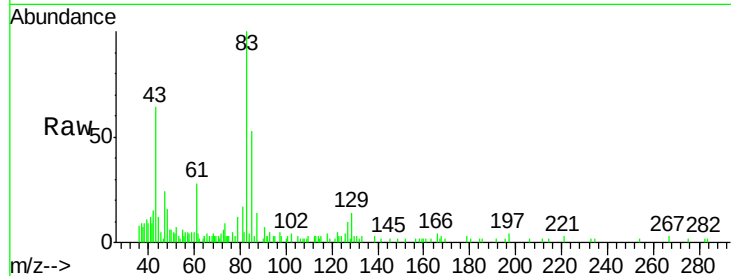
Tot Ion: 83 Resp: 5340

Ion Ratio Lower Upper

83 100

85 51.1 51.4 77.0#

127 8.3 8.1 12.1



#48

Methyl methacrylate

Concen: 0.995 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

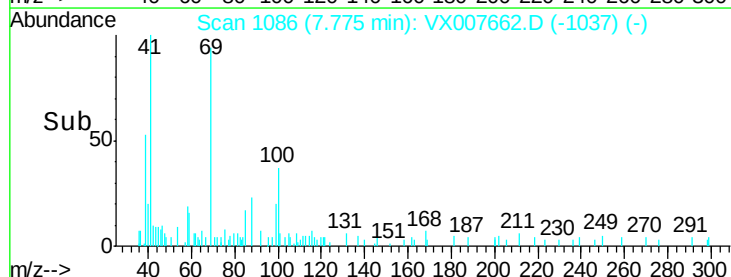
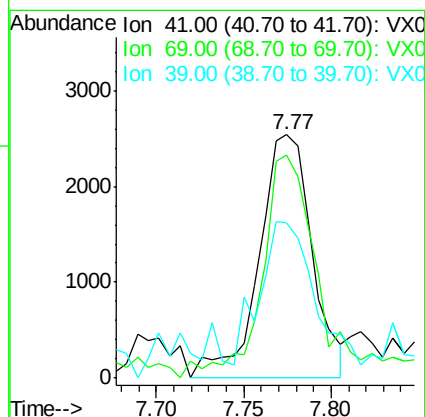
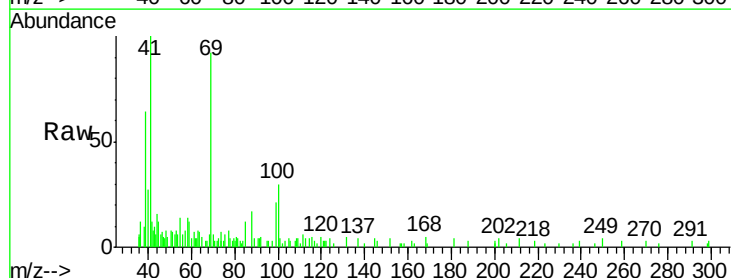
Tgt Ion: 41 Resp: 5361

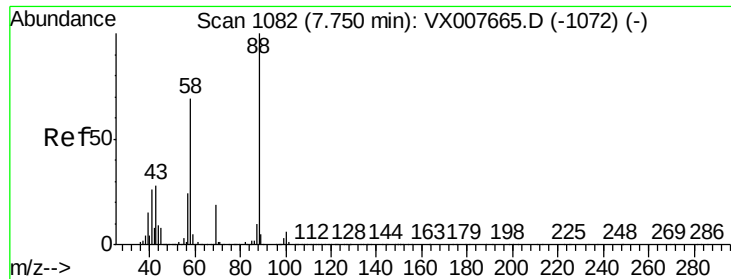
Ion Ratio Lower Upper

41 100

69 98.1 70.2 105.4

39 61.5 47.4 71.0





#49

1,4-Dioxane

Concen: 21.110 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

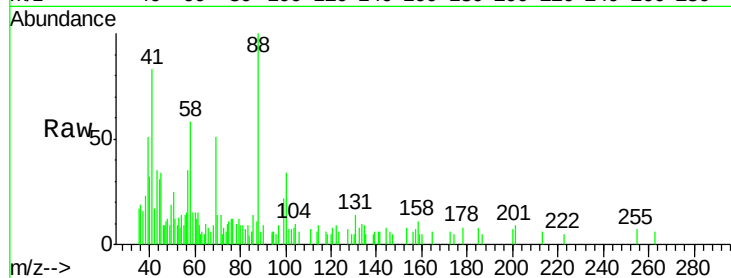
Tot Ion: 88 Resp: 2457

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

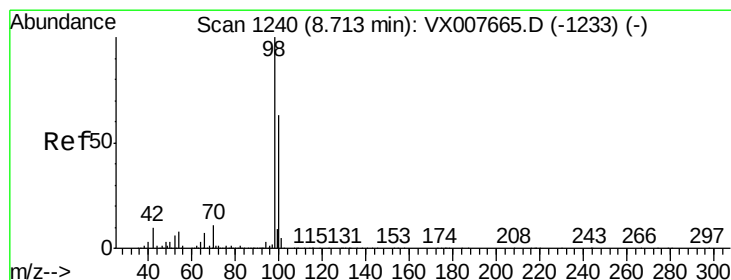
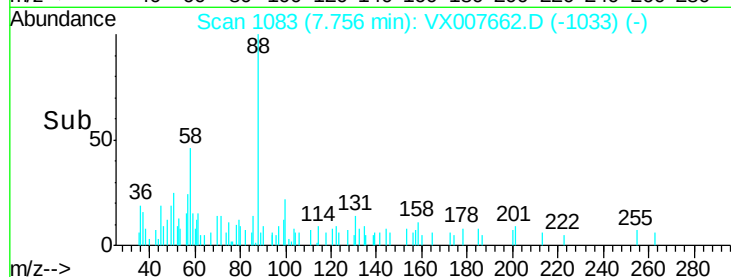
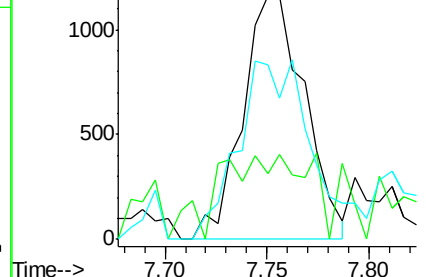
58 87.3 53.0 79.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.112 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007662.D

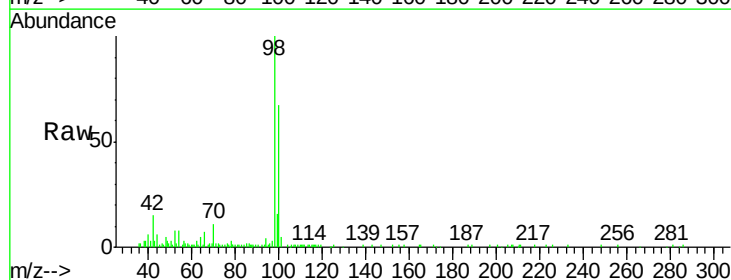
Acq: 25 Feb 2019 09:46

Tgt Ion: 98 Resp: 19029

Ion Ratio Lower Upper

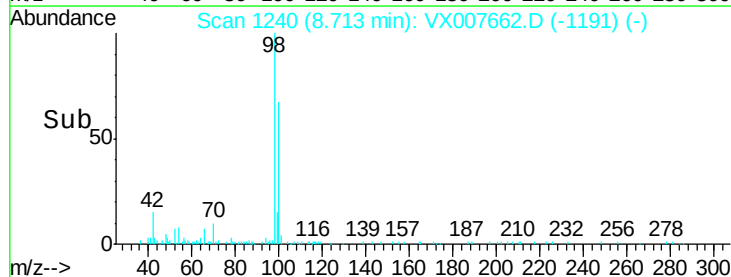
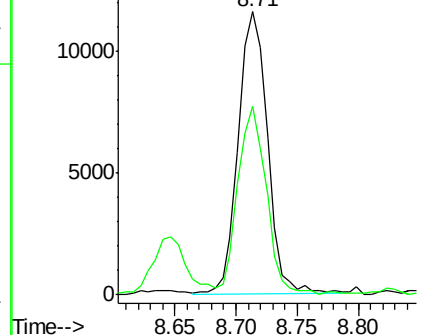
98 100

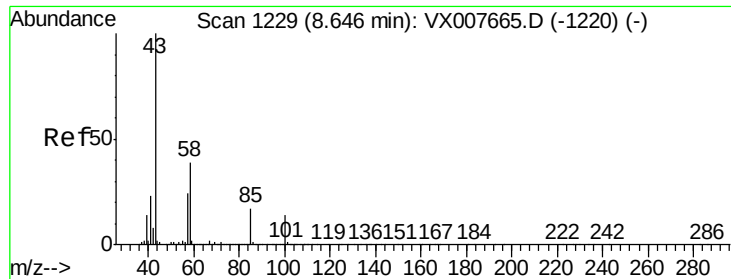
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 4.363 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

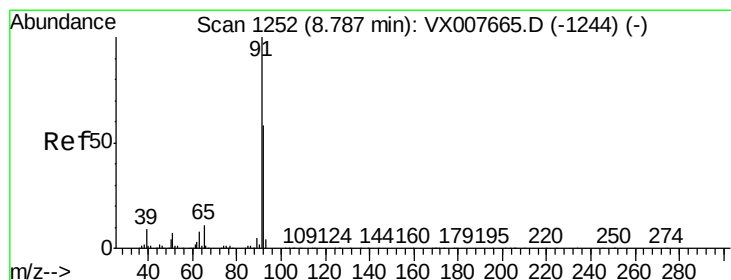
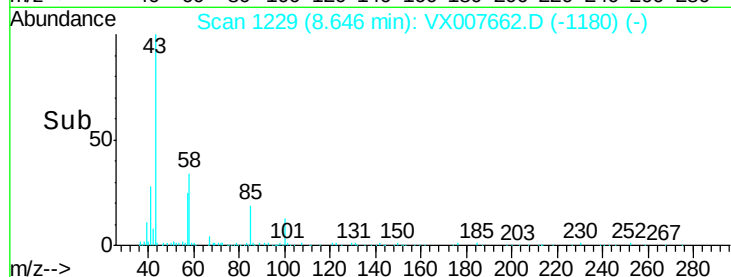
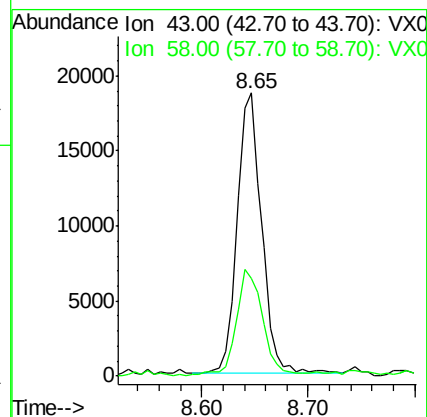
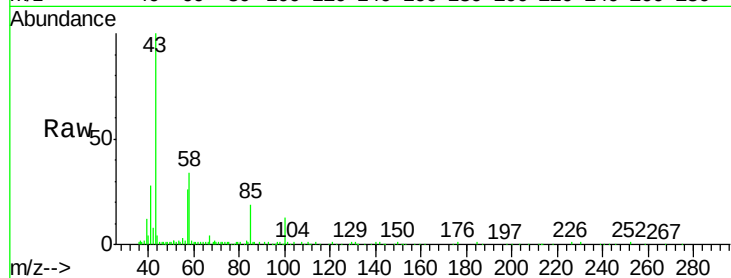
VSTDIC001

Tot Ion: 43 Resp: 30022

Ion Ratio Lower Upper

43 100

58 42.1 31.2 46.8



#52

Toluene

Concen: 0.980 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007662.D

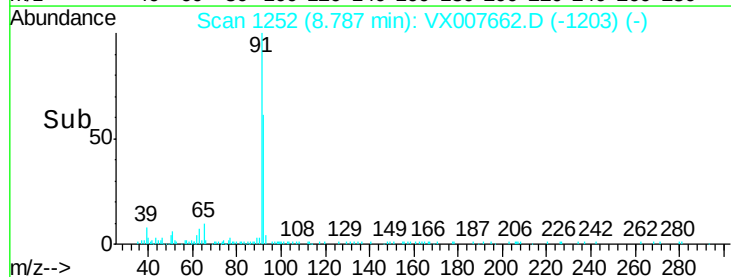
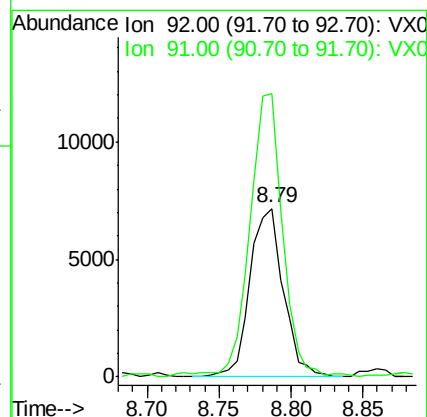
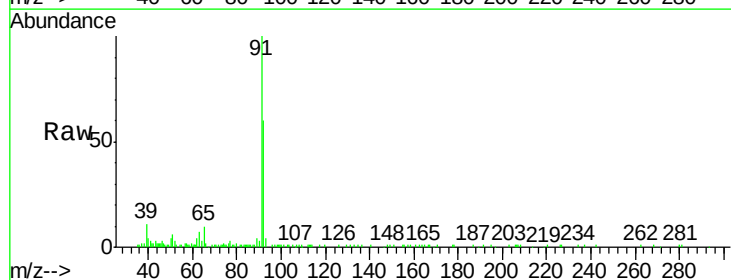
Acq: 25 Feb 2019 09:46

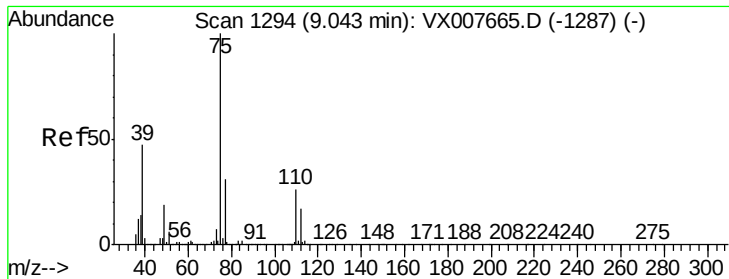
Tgt Ion: 92 Resp: 11472

Ion Ratio Lower Upper

92 100

91 164.5 139.1 208.7

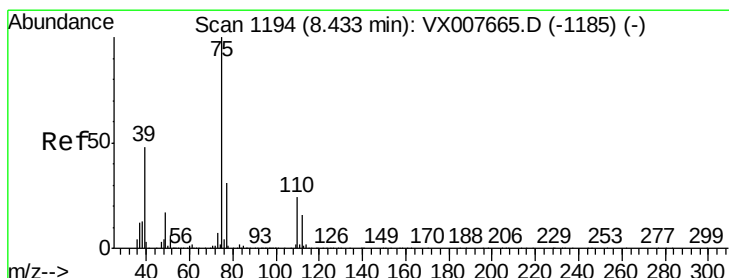
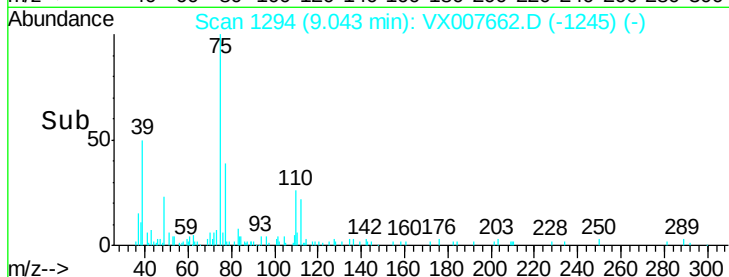
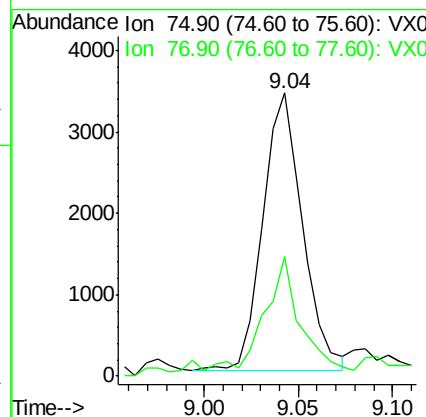
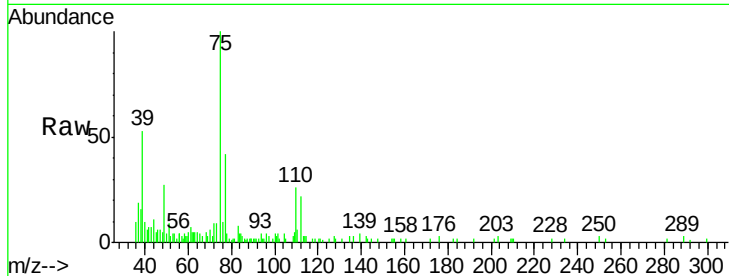




#53
 t-1,3-Dichloropropene
 Concen: 0.776 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

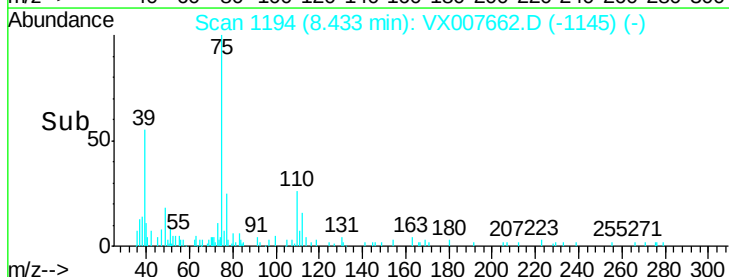
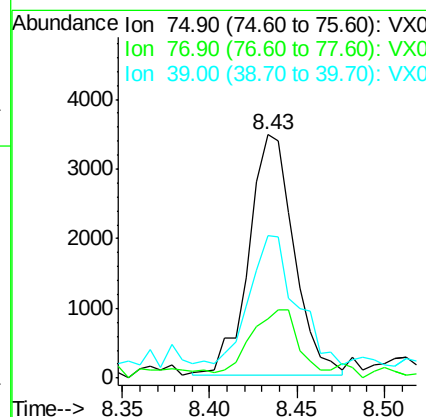
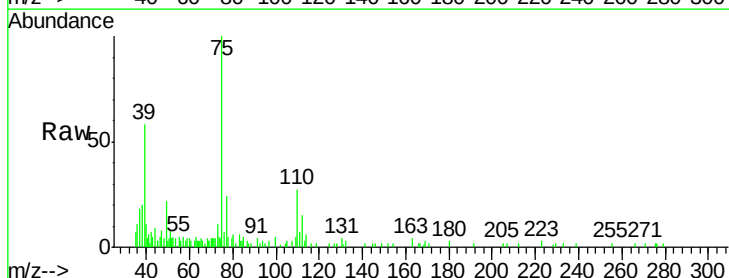
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

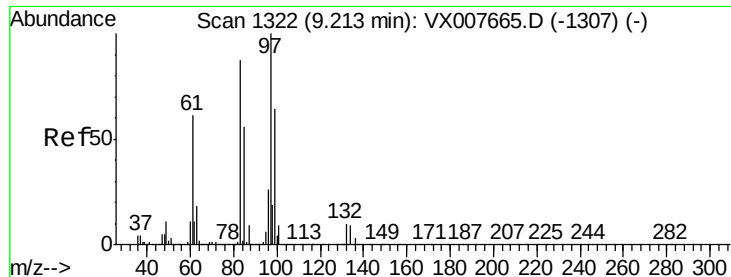
Tot Ion: 75 Resp: 4947
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.2 37.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.877 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 75 Resp: 6185
 Ion Ratio Lower Upper
 75 100
 77 22.5 26.2 39.4#
 39 54.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 1.052 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 97 Resp: 5136

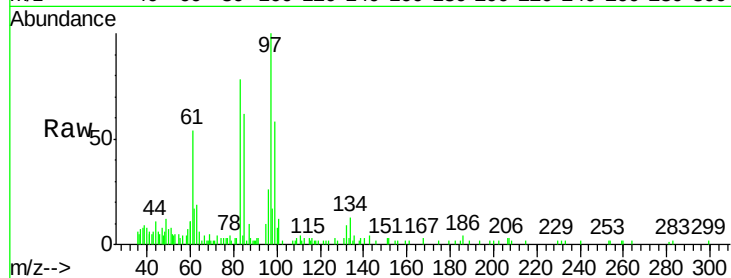
Ion Ratio Lower Upper

97 100

83 75.1 68.6 102.8

85 58.6 44.5 66.7

99 58.1 52.2 78.4

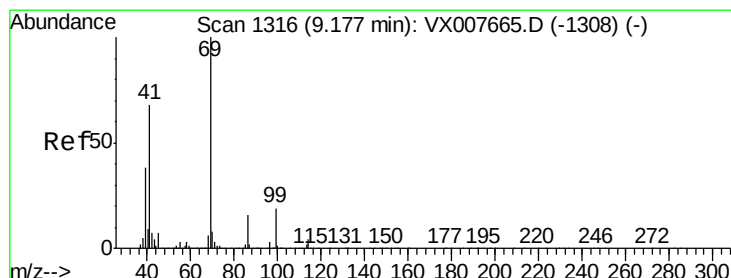
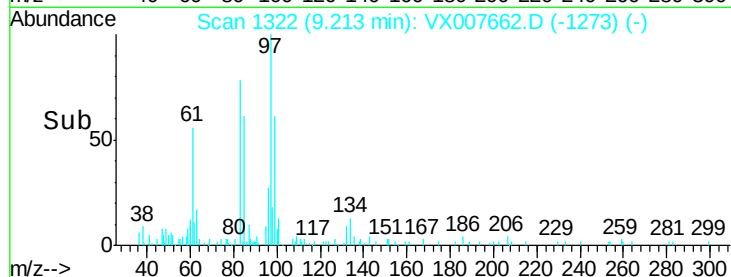
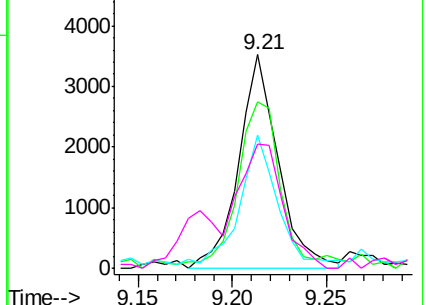


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.877 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

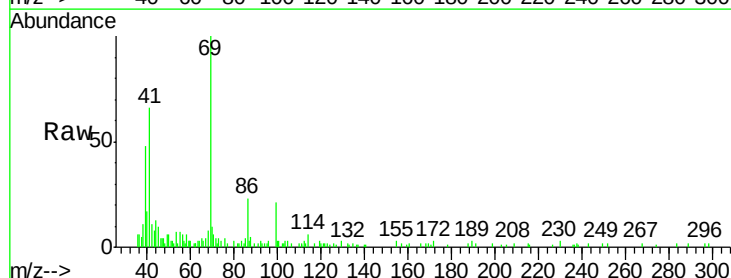
Tgt Ion: 69 Resp: 6086

Ion Ratio Lower Upper

69 100

41 73.0 52.1 78.1

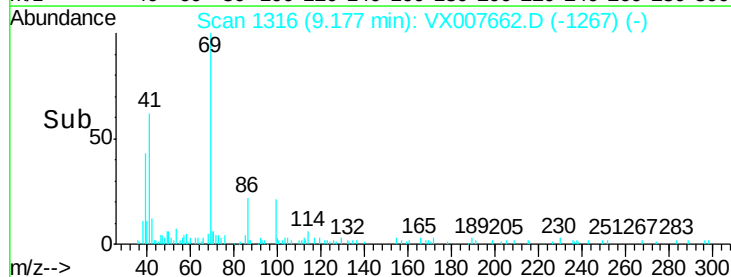
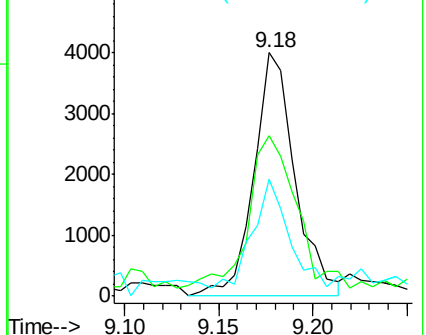
39 43.2 30.1 45.1

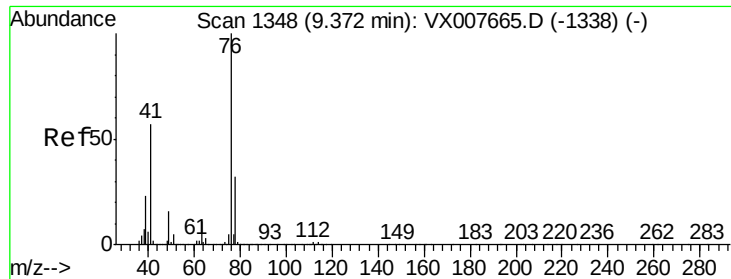


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.985 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

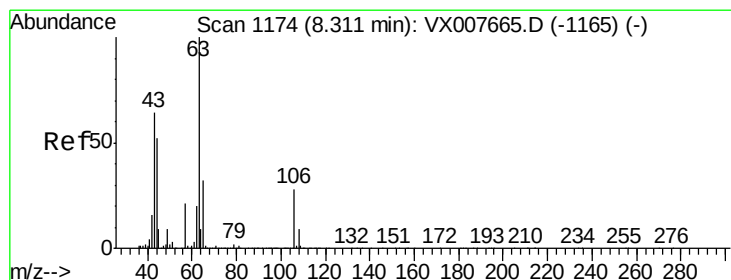
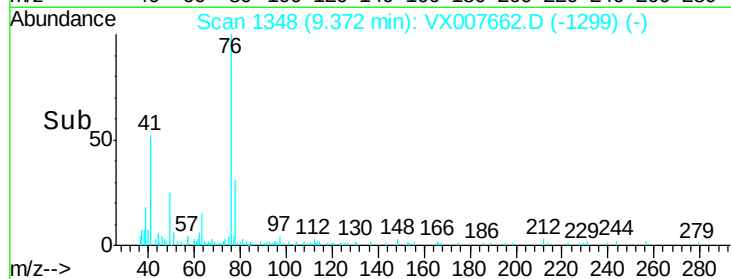
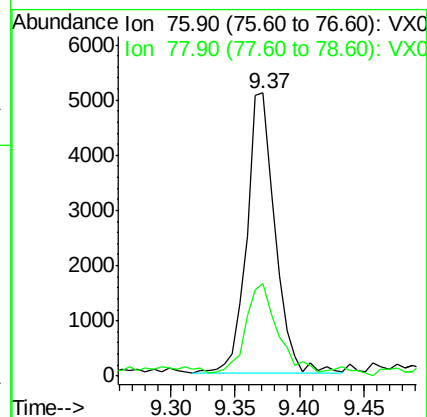
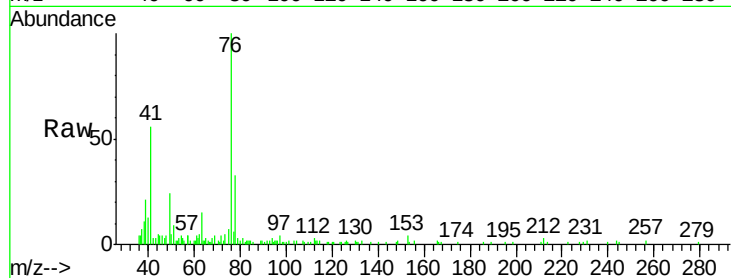
VSTDIC001

Tot Ion: 76 Resp: 7694

Ion Ratio Lower Upper

76 100

78 35.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.944 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007662.D

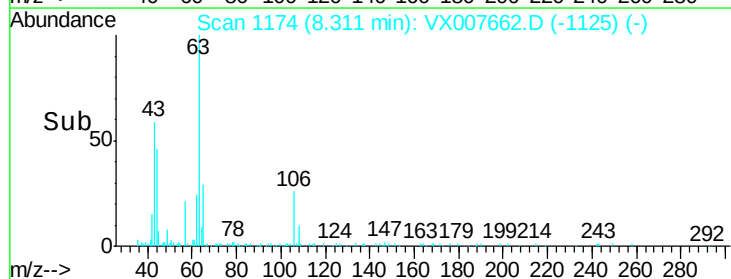
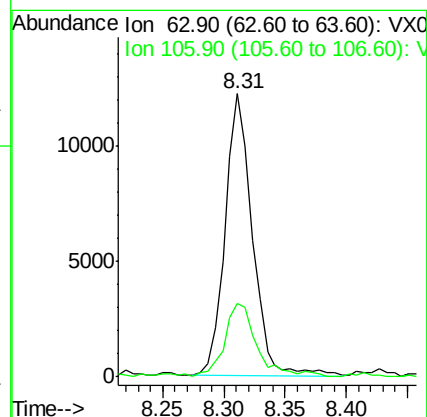
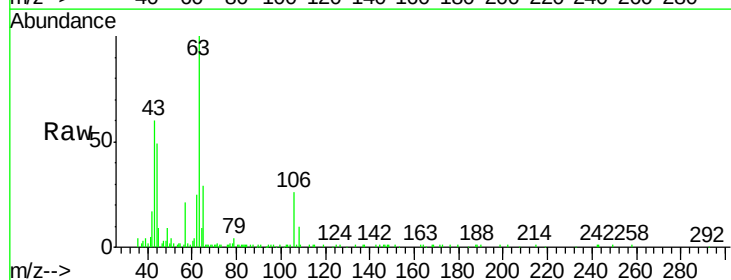
Acq: 25 Feb 2019 09:46

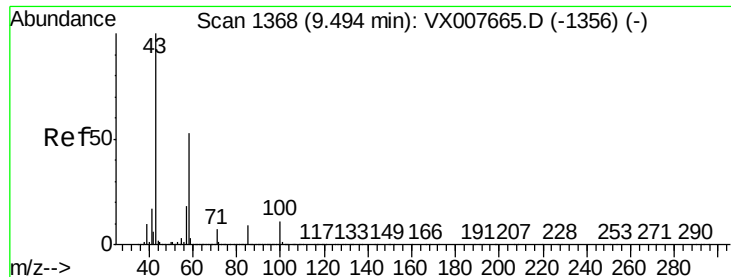
Tgt Ion: 63 Resp: 18926

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4

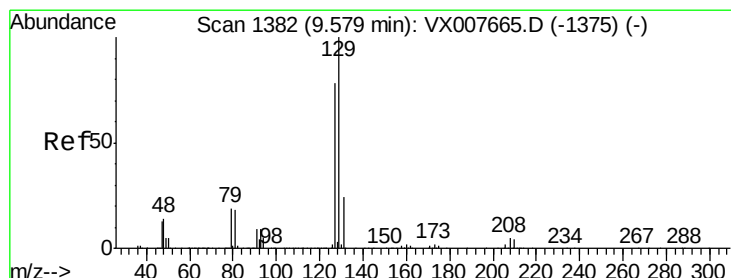
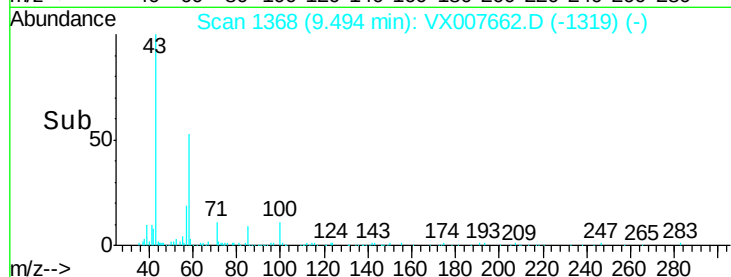
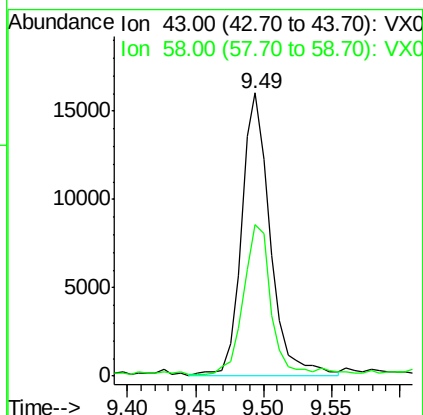
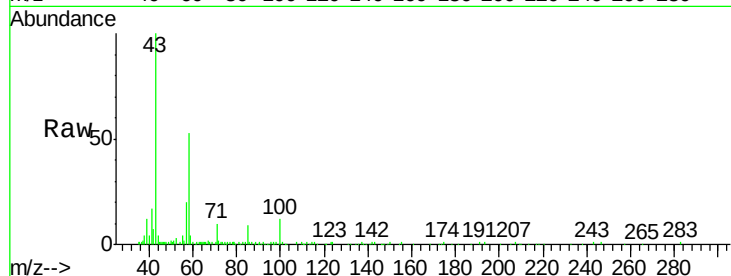




#59
2-Hexanone
Concen: 4.376 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

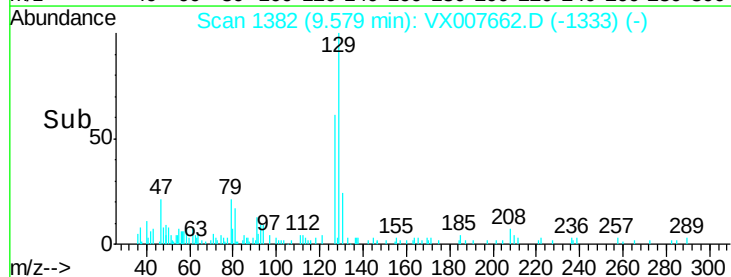
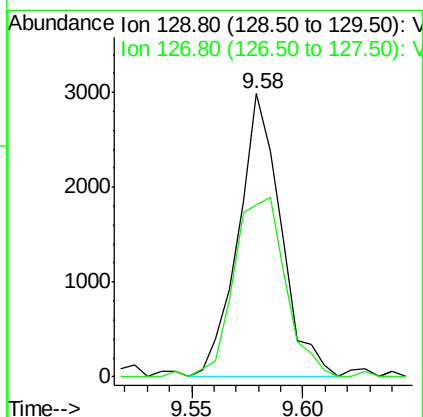
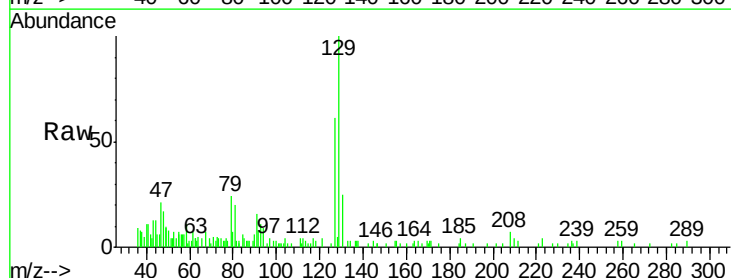
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

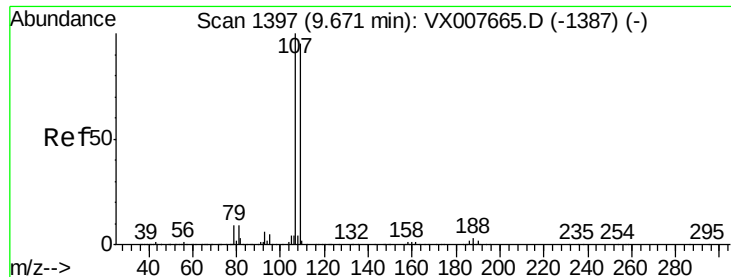
Tot Ion: 43 Resp: 23643
Ion Ratio Lower Upper
43 100
58 50.2 27.1 81.3



#60
Dibromochloromethane
Concen: 0.851 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 129 Resp: 3995
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 0.967 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

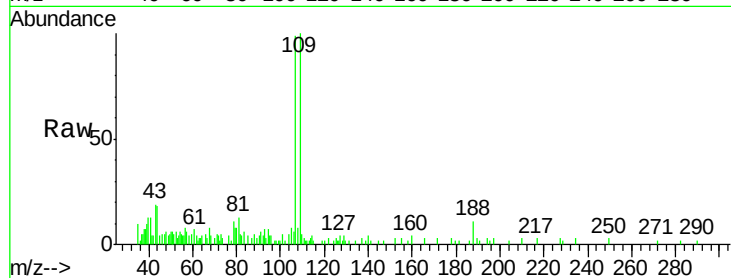
VSTDIC001

Tot Ion:107 Resp: 4901

Ion Ratio Lower Upper

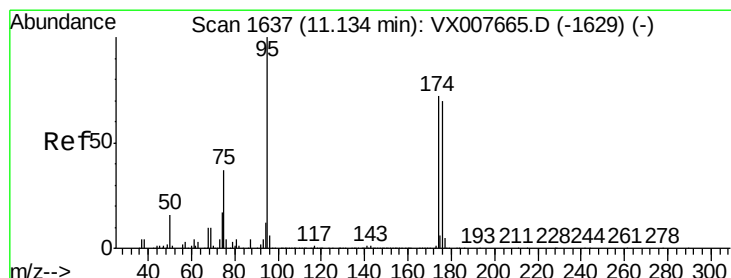
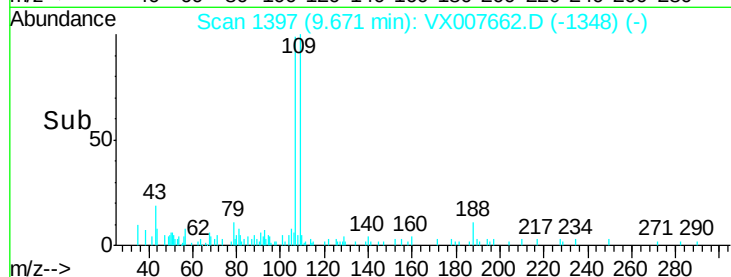
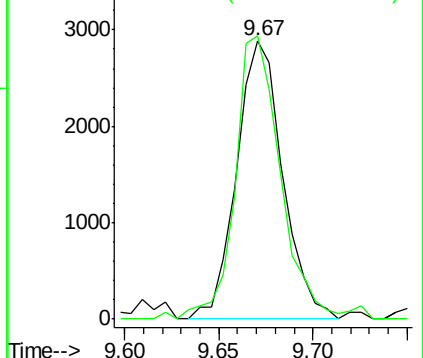
107 100

109 99.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.100 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

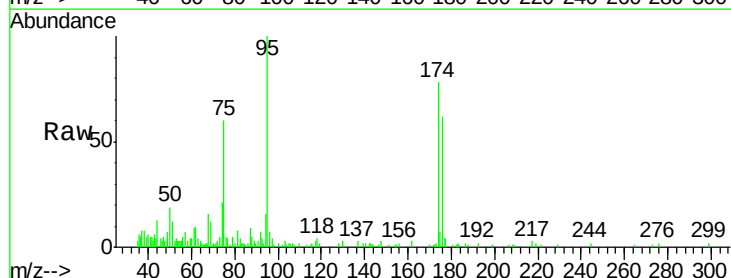
Tgt Ion: 95 Resp: 6911

Ion Ratio Lower Upper

95 100

174 82.6 0.0 189.2

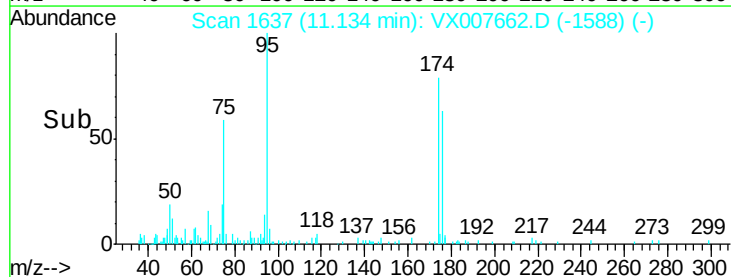
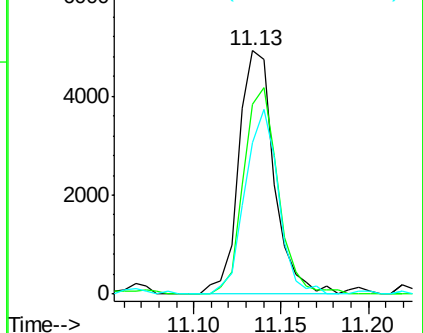
176 71.6 0.0 186.2

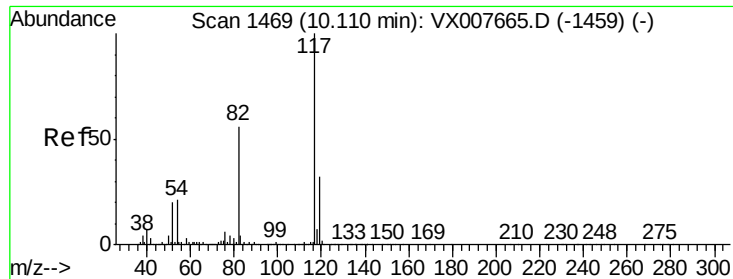


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

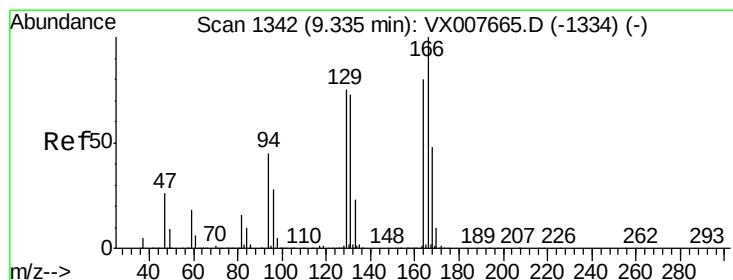
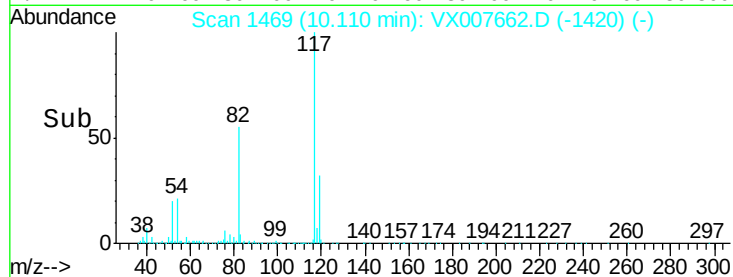
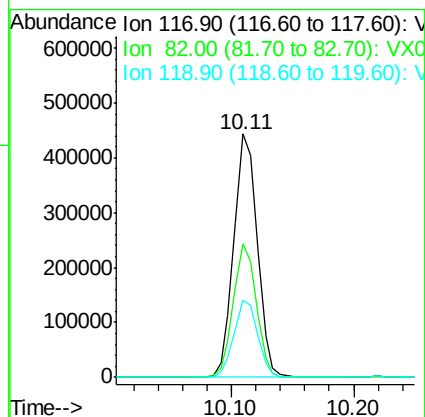
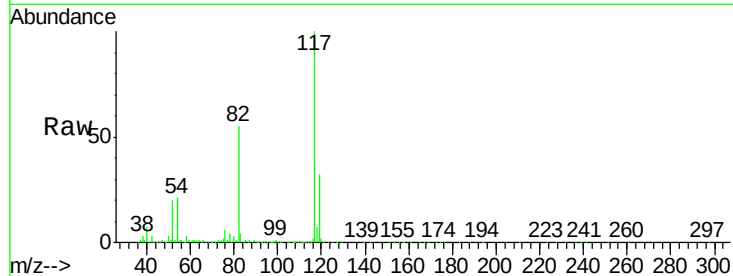




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

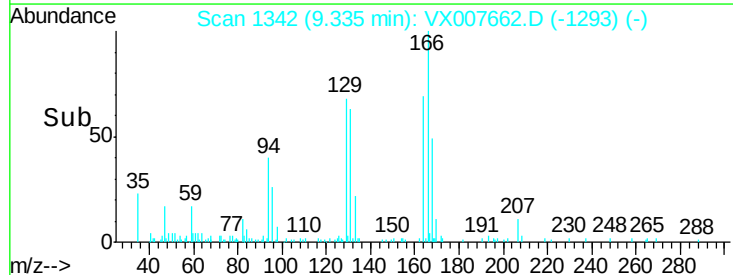
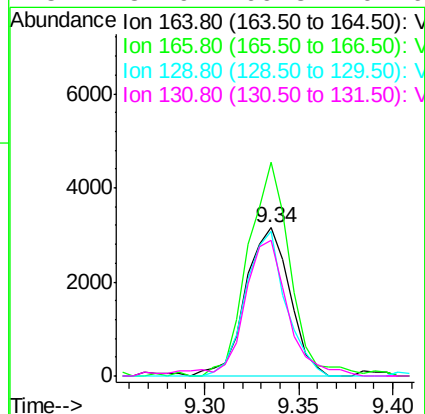
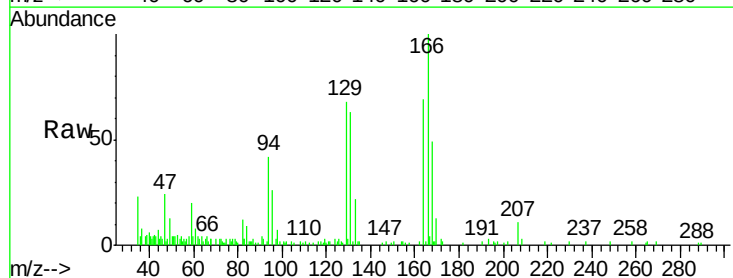
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

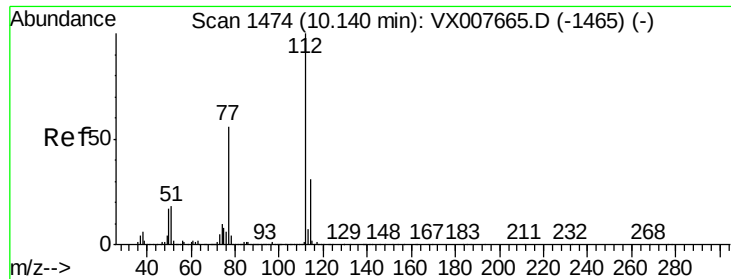
Tot Ion:117 Resp: 585425
Ion Ratio Lower Upper
117 100
82 55.0 42.1 63.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 1.082 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:164 Resp: 5144
Ion Ratio Lower Upper
164 100
166 144.4 101.0 151.4
129 98.2 70.5 105.7
131 87.9 69.8 104.6

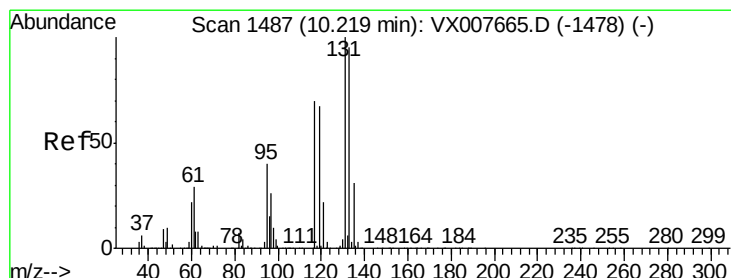
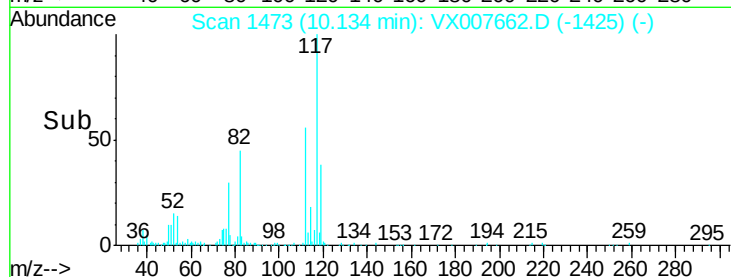
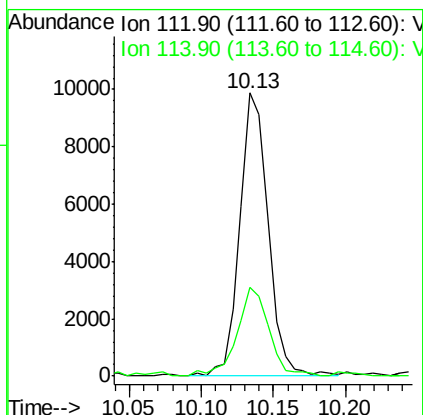
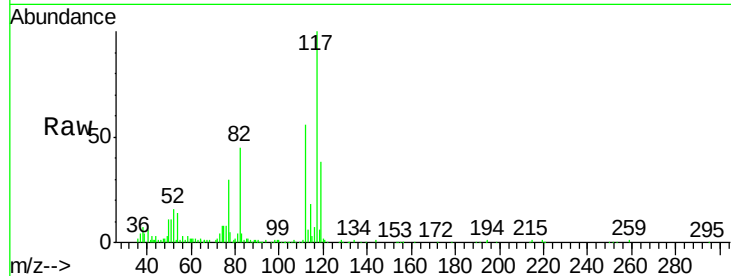




#65
Chlorobenzene
Concen: 1.071 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

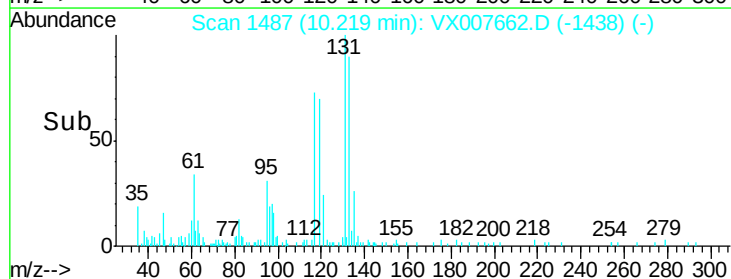
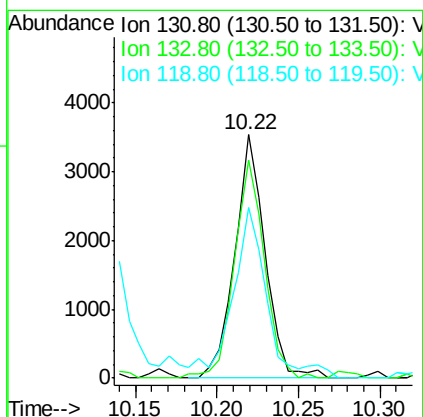
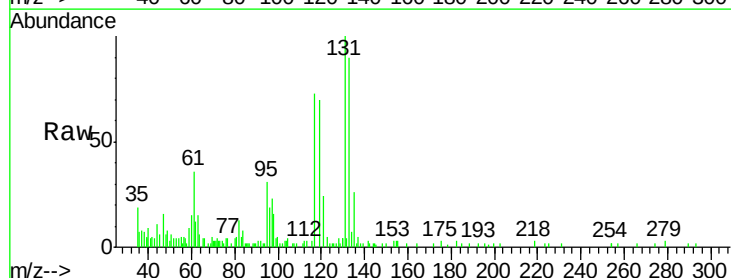
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

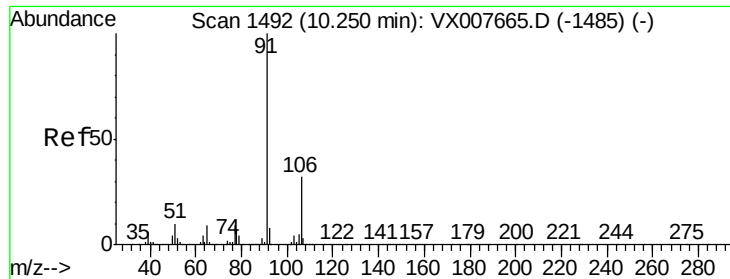
Tot Ion:112 Resp: 13565
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.039 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:131 Resp: 4587
Ion Ratio Lower Upper
131 100
133 89.3 48.0 144.2
119 0.0 32.0 96.0#

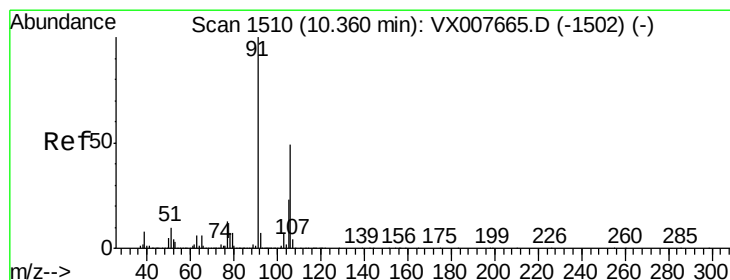
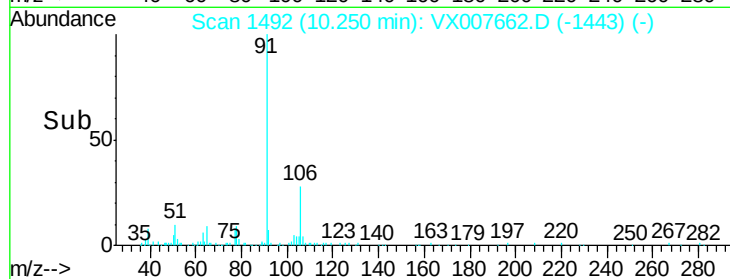
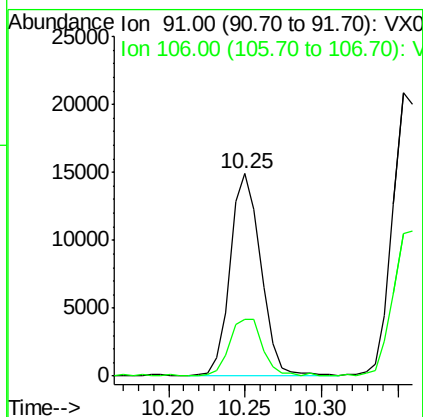
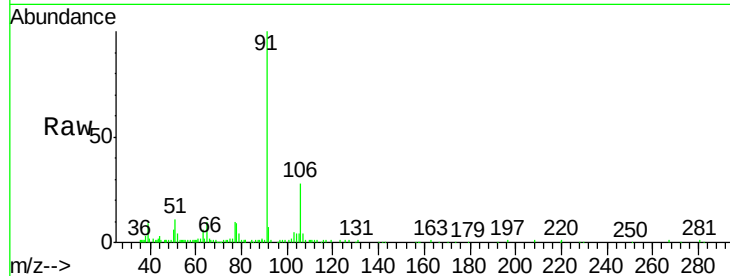




#67
Ethyl Benzene
Concen: 0.977 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

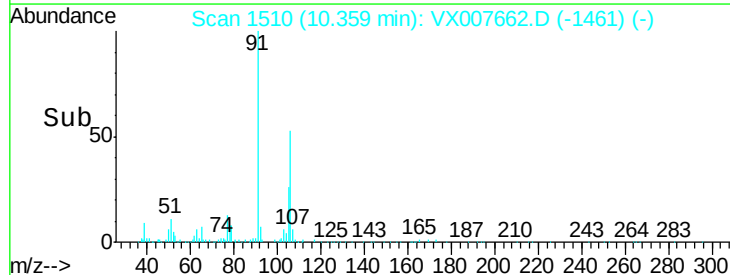
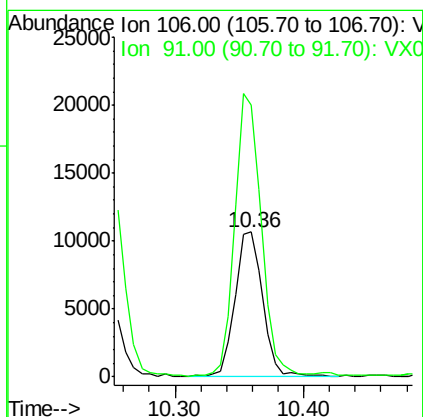
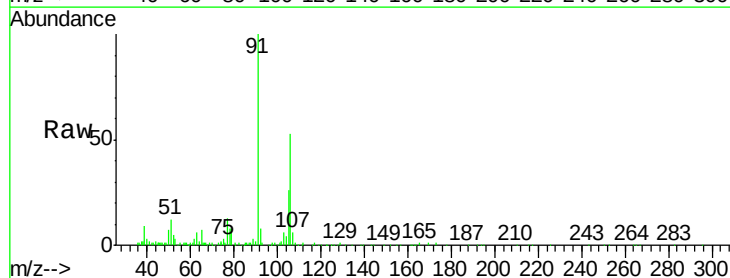
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

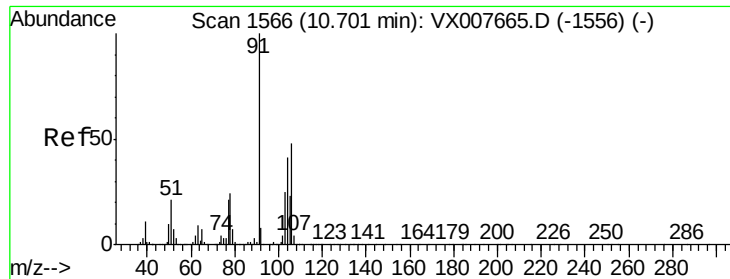
Tot Ion: 91 Resp: 20502
Ion Ratio Lower Upper
91 100
106 28.2 25.4 38.0



#68
m/p-Xylenes
Concen: 1.963 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 106 Resp: 16015
Ion Ratio Lower Upper
106 100
91 185.4 156.6 234.8

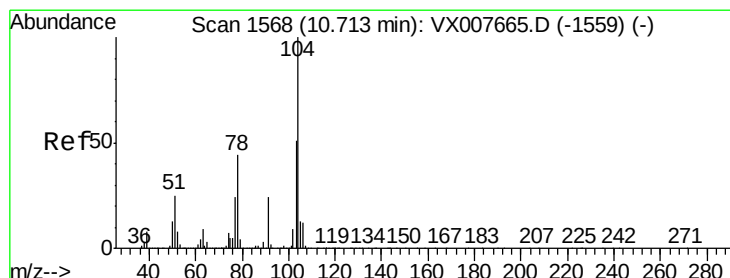
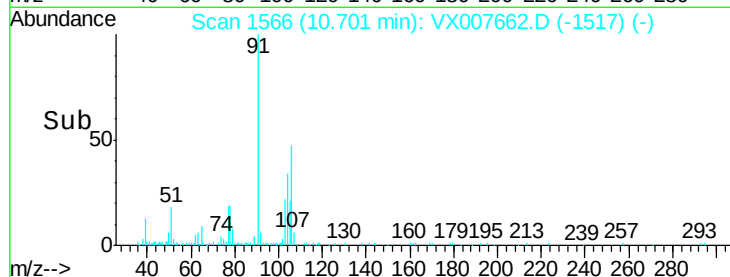
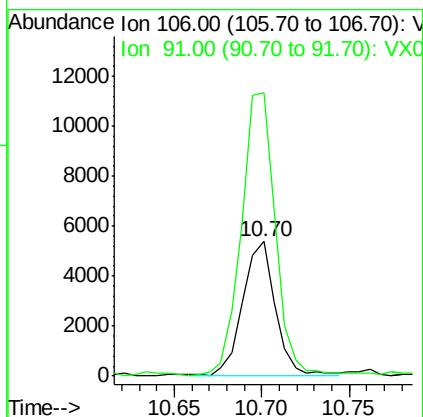
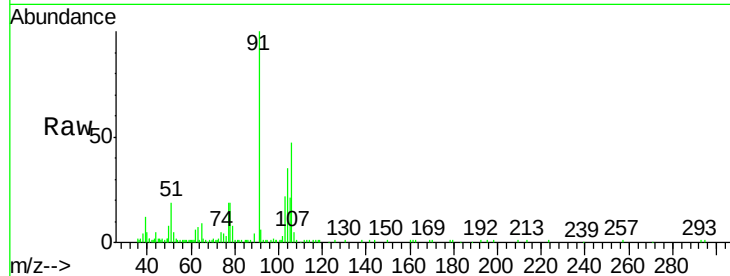




#69
o-Xylene
Concen: 0.907 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

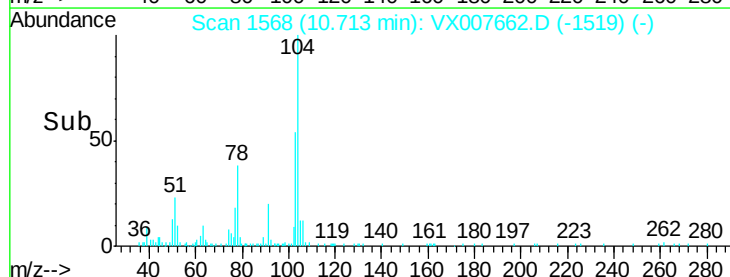
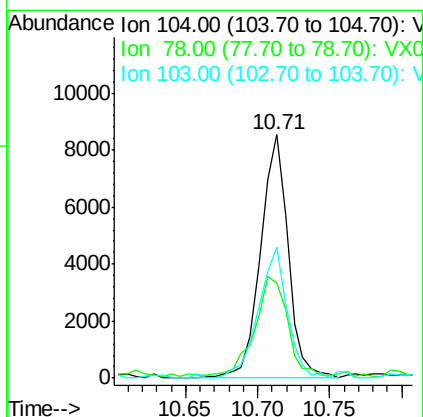
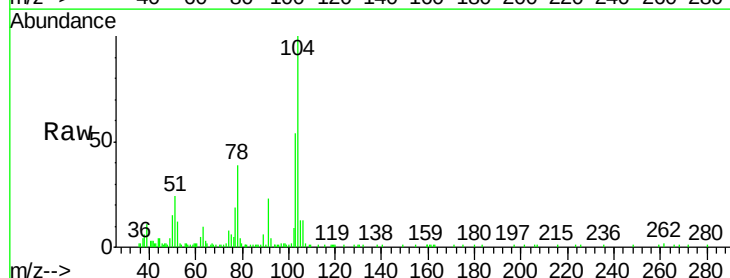
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

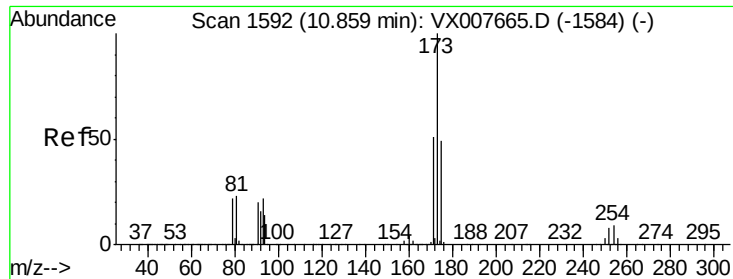
Tot Ion:106 Resp: 7119
Ion Ratio Lower Upper
106 100
91 217.3 102.9 308.7



#70
Styrene
Concen: 0.874 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:104 Resp: 11275
Ion Ratio Lower Upper
104 100
78 49.4 38.3 57.5
103 56.5 44.6 67.0





#71

Bromoform

Concen: 0.868 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

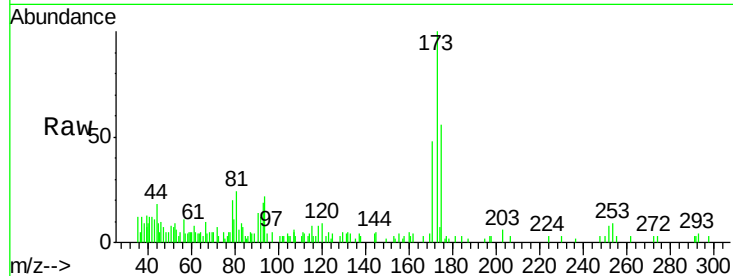
Tot Ion:173 Resp: 2875

Ion Ratio Lower Upper

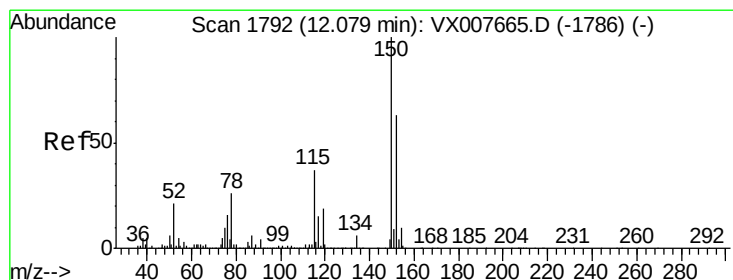
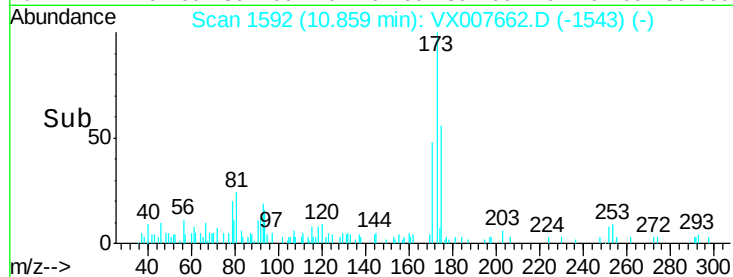
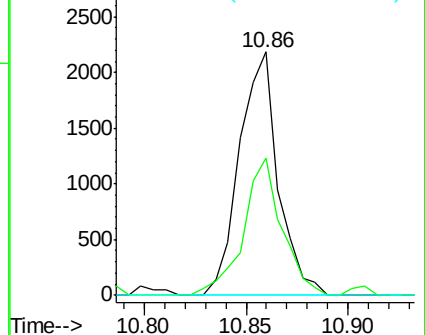
173 100

175 56.1 24.2 72.6

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

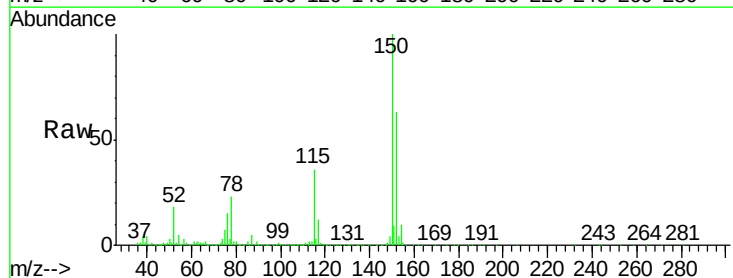
Tgt Ion:152 Resp: 267430

Ion Ratio Lower Upper

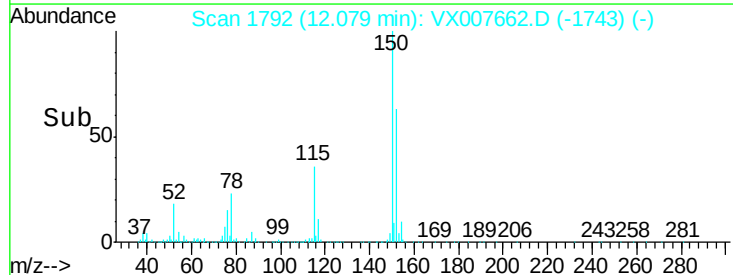
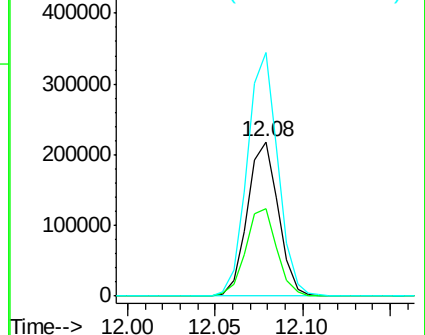
152 100

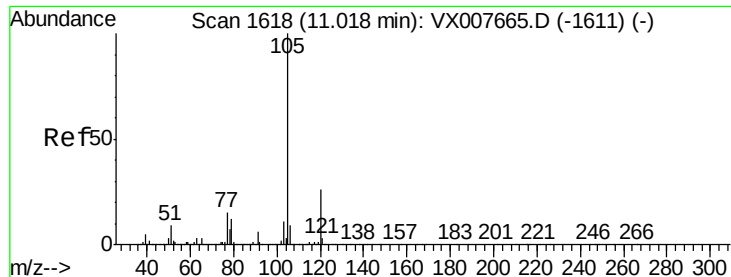
115 57.7 38.0 114.0

150 156.9 0.0 346.4



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: 1.017 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

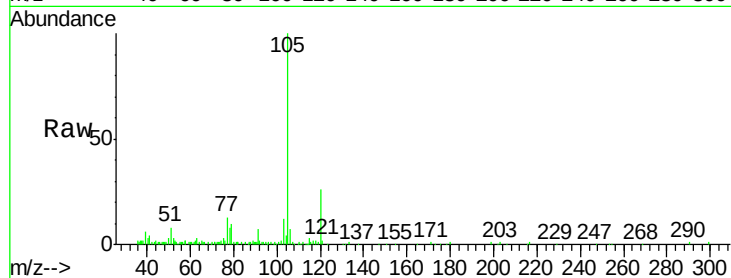
VSTDIC001

Tot Ion:105 Resp: 19447

Ion Ratio Lower Upper

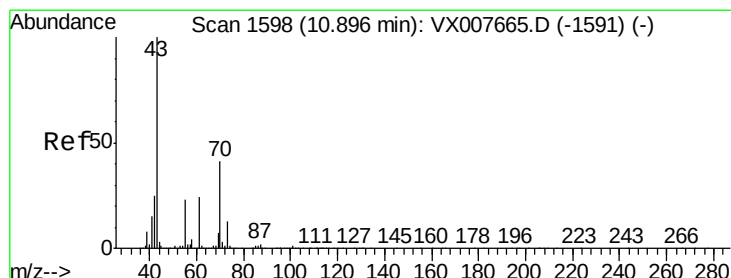
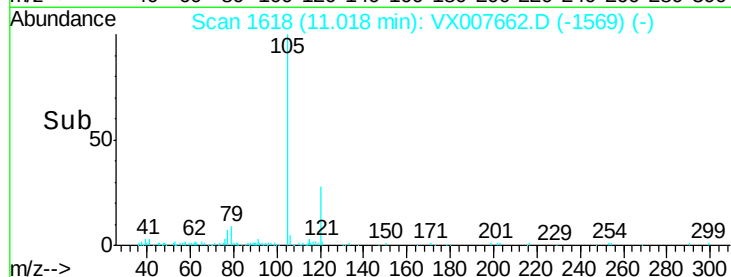
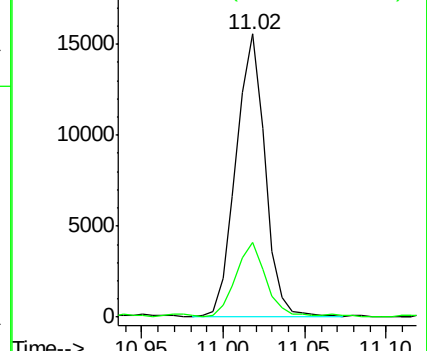
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.916 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Tgt Ion: 43 Resp: 7607

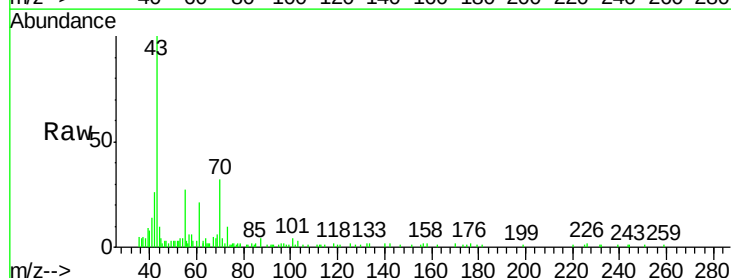
Ion Ratio Lower Upper

43 100

70 39.6 33.8 50.6

55 30.9 19.5 29.3#

61 24.1 19.4 29.2

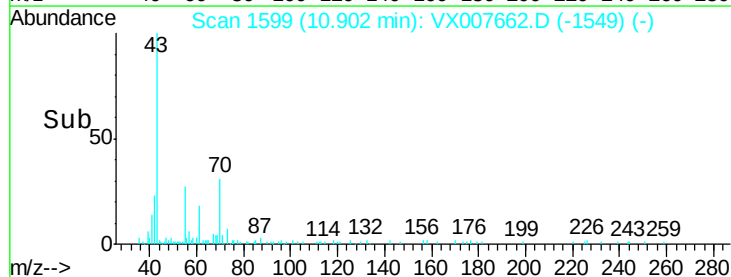
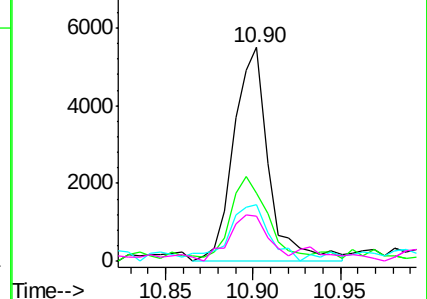


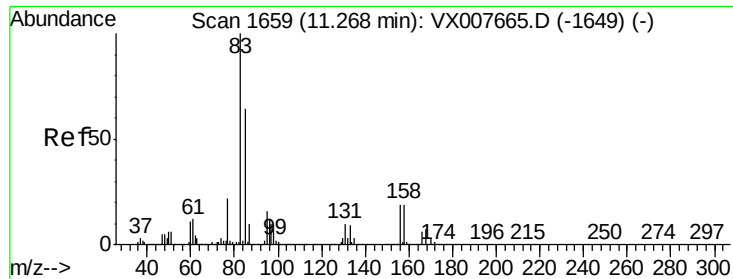
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.156 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

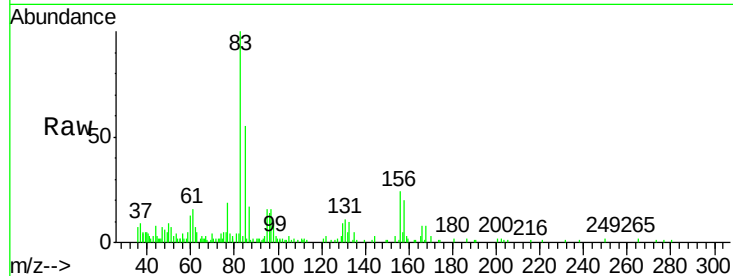
Tot Ion: 83 Resp: 7645

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.0

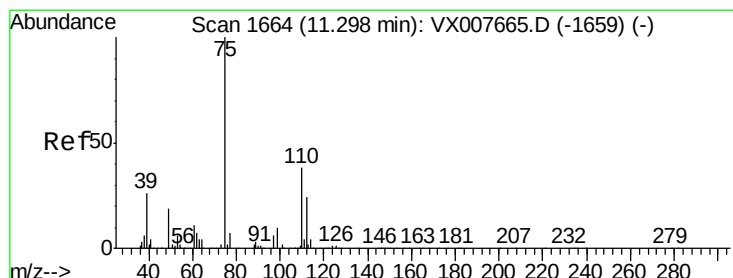
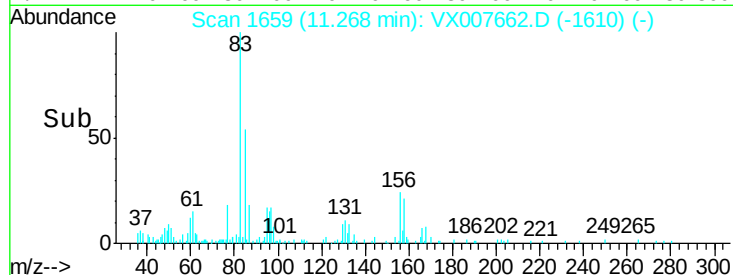
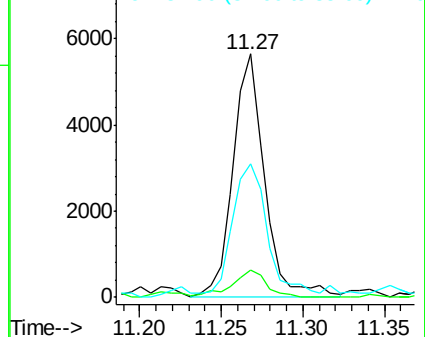
85 57.2 32.8 98.3



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: 1.115 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007662.D

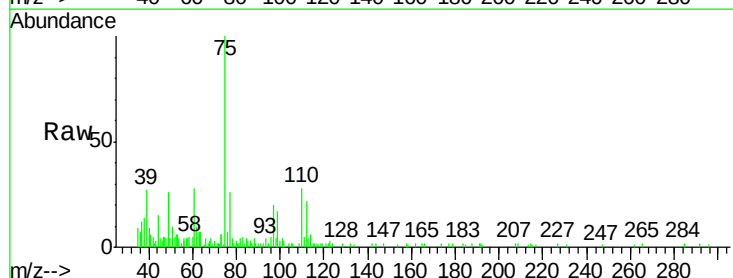
Acq: 25 Feb 2019 09:46

Tgt Ion: 75 Resp: 6355

Ion Ratio Lower Upper

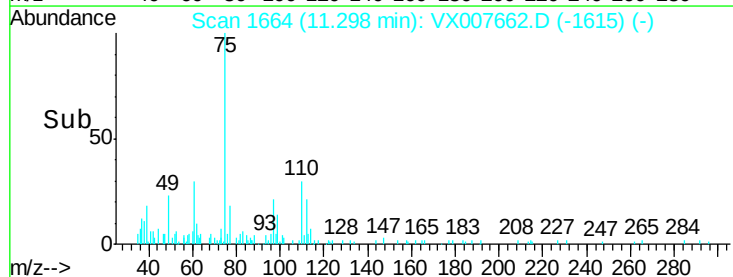
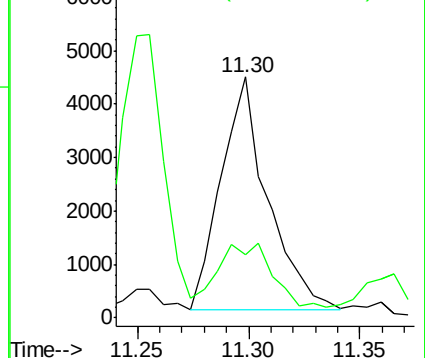
75 100

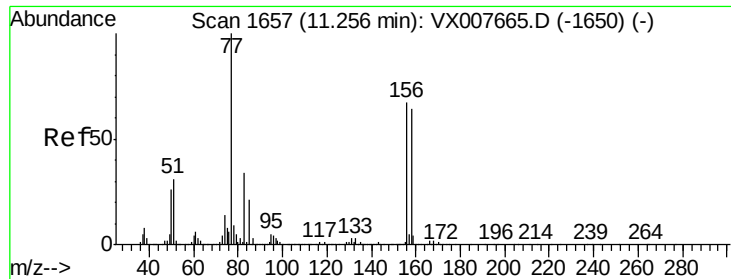
77 42.6 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.048 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

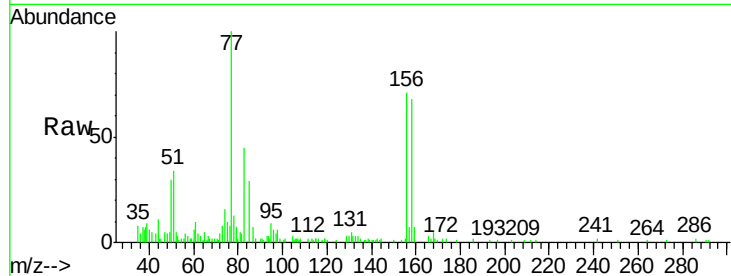
Tot Ion:156 Resp: 5024

Ion Ratio Lower Upper

156 100

77 147.6 66.8 200.6

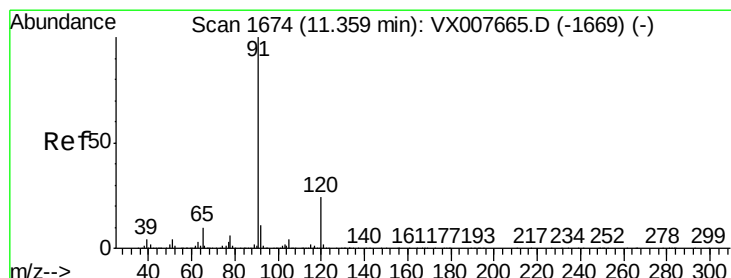
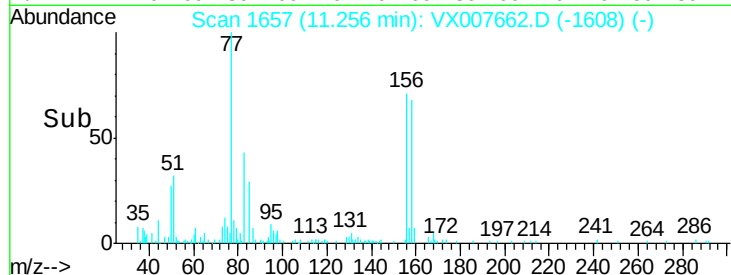
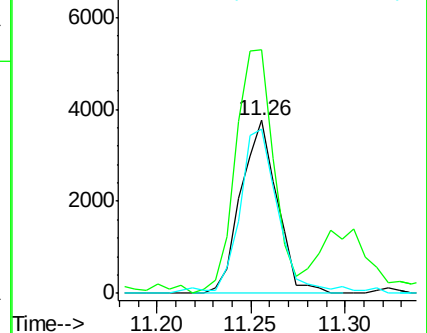
158 102.6 47.9 143.8



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: 0.923 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007662.D

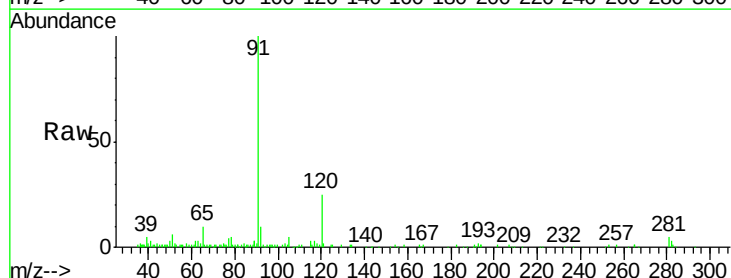
Acq: 25 Feb 2019 09:46

Tgt Ion: 91 Resp: 19936

Ion Ratio Lower Upper

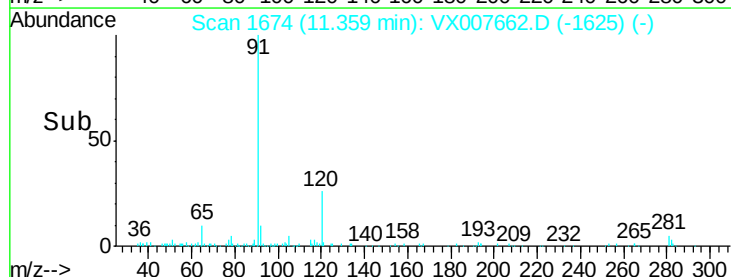
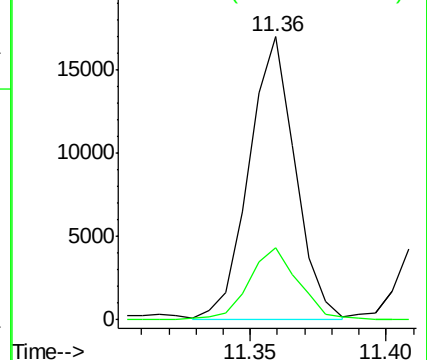
91 100

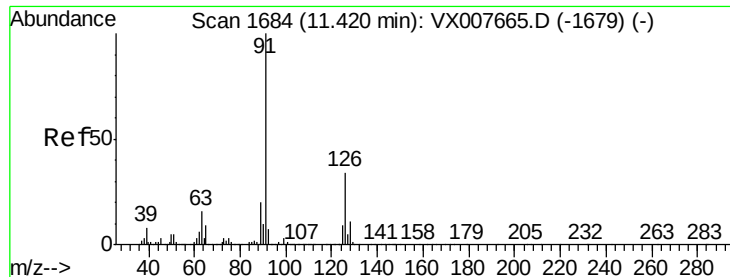
120 27.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.038 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

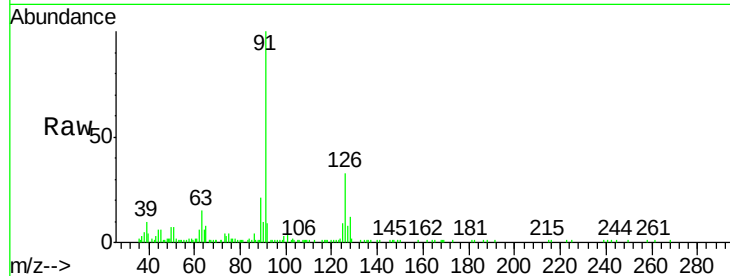
VSTDIC001

Tot Ion: 91 Resp: 13498

Ion Ratio Lower Upper

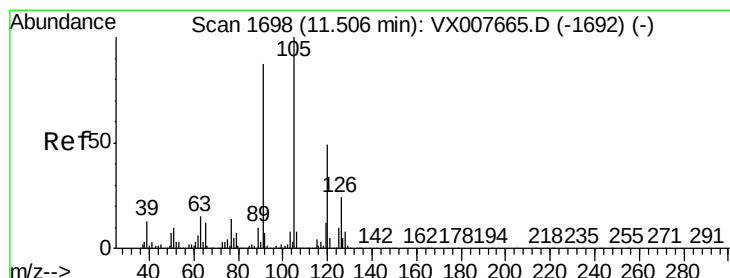
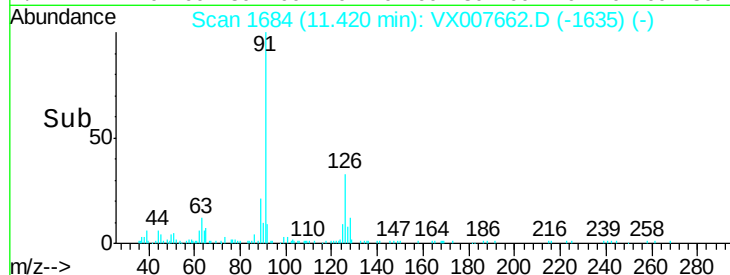
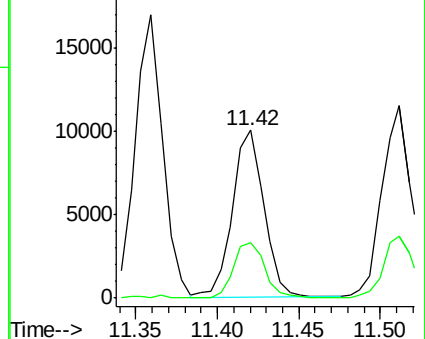
91 100

126 33.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.965 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007662.D

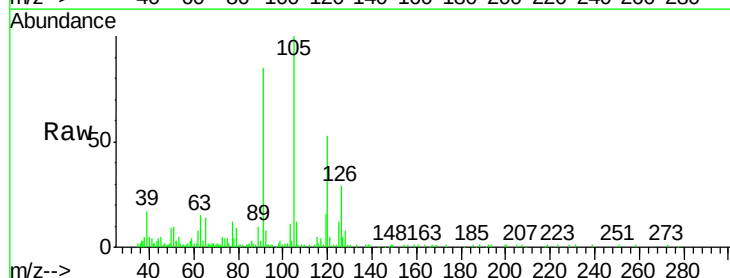
Acq: 25 Feb 2019 09:46

Tgt Ion:105 Resp: 15176

Ion Ratio Lower Upper

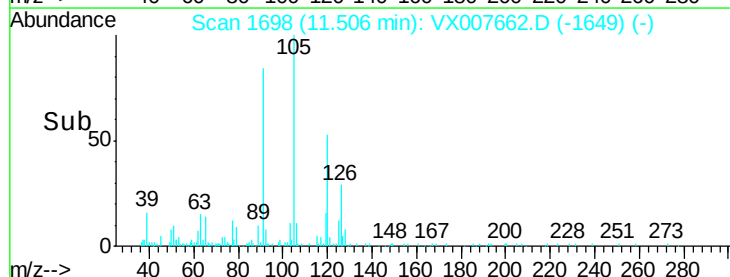
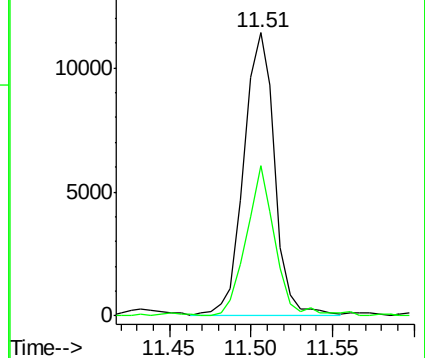
105 100

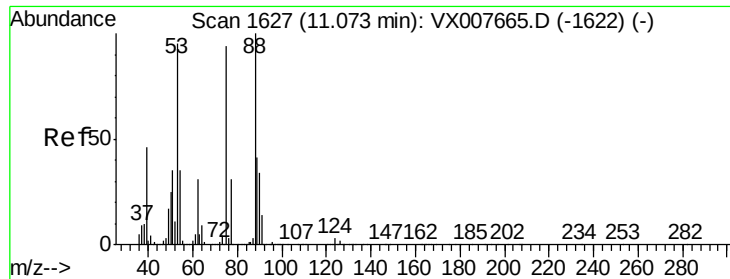
120 49.8 25.3 75.8



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: 0.852 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

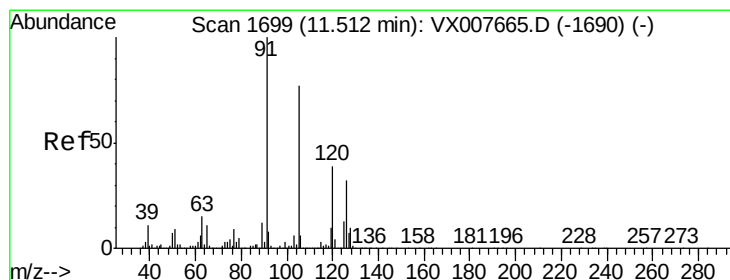
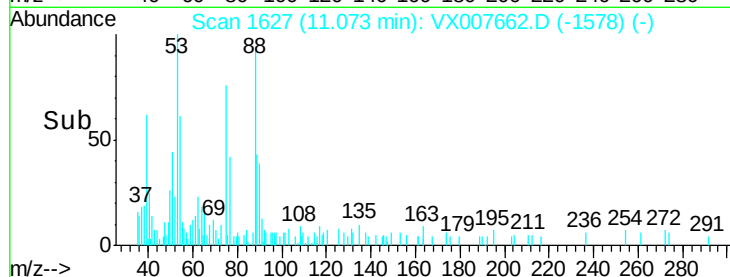
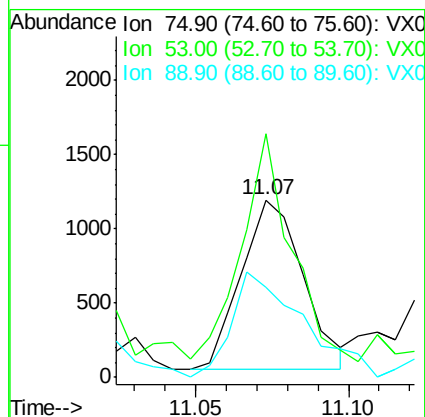
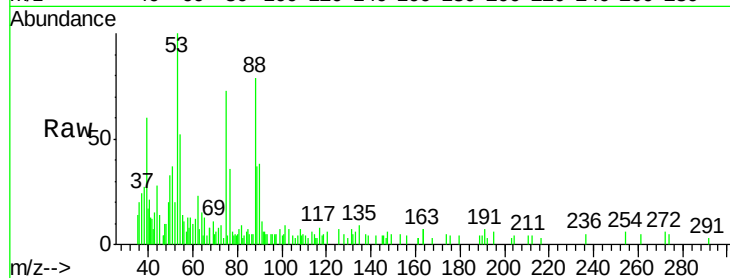
Tot Ion: 75 Resp: 1607

Ion Ratio Lower Upper

75 100

53 112.0 81.0 121.6

89 71.3 41.4 62.0#



#82

4-Chlorotoluene

Concen: 0.953 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007662.D

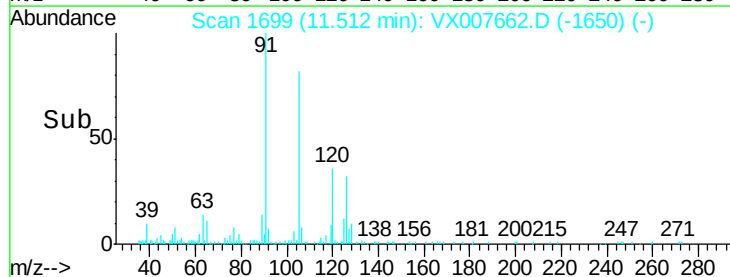
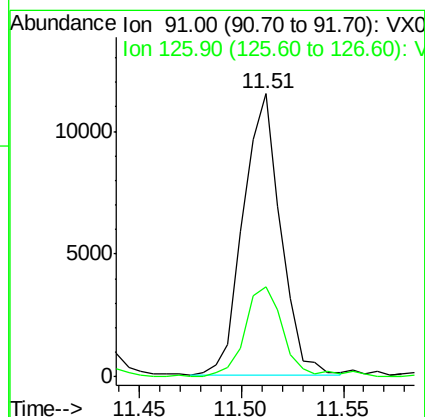
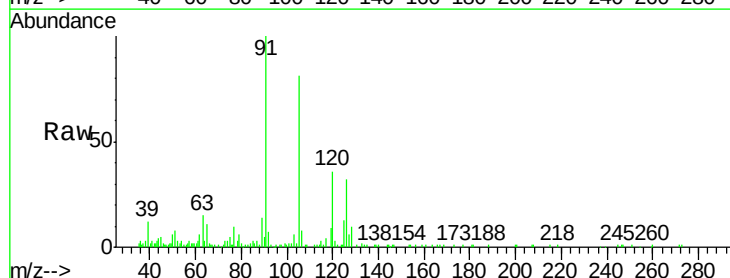
Acq: 25 Feb 2019 09:46

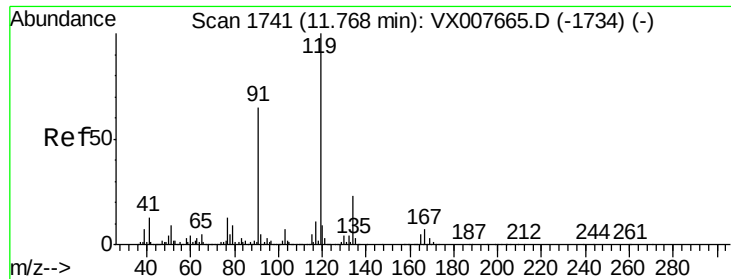
Tgt Ion: 91 Resp: 14500

Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.5

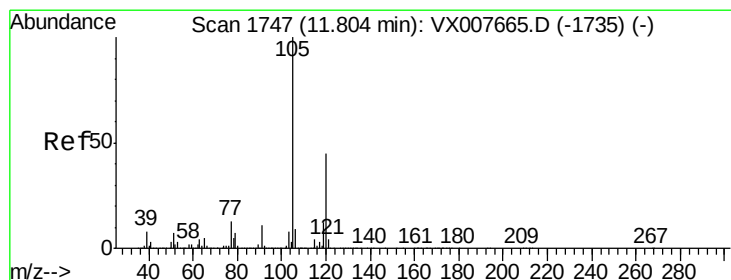
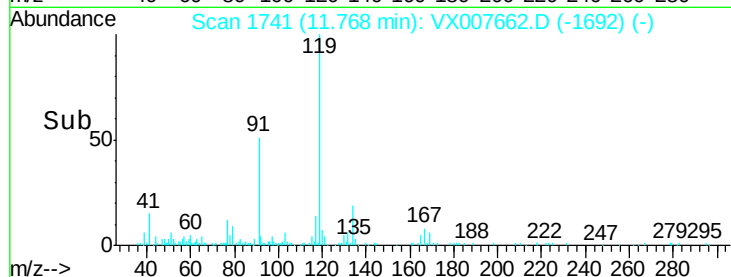
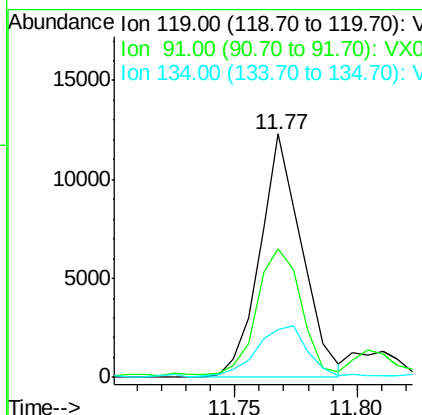
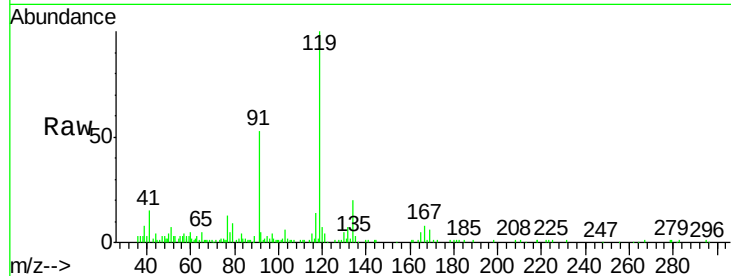




#83
 tert-Butylbenzene
 Concen: 0.976 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

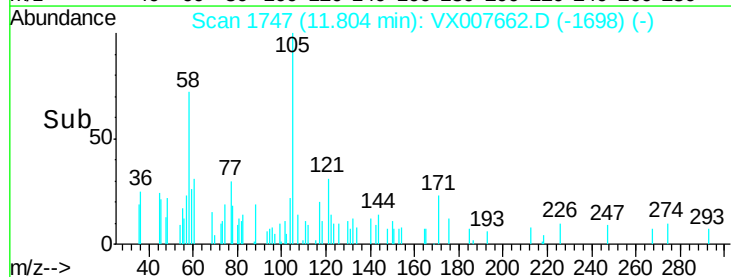
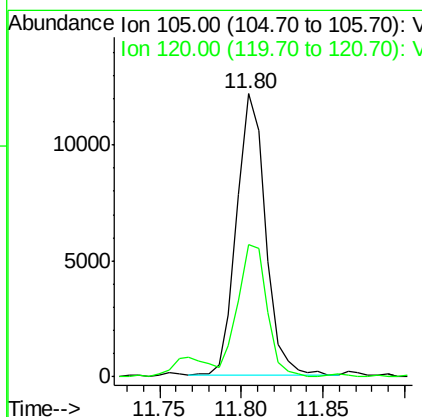
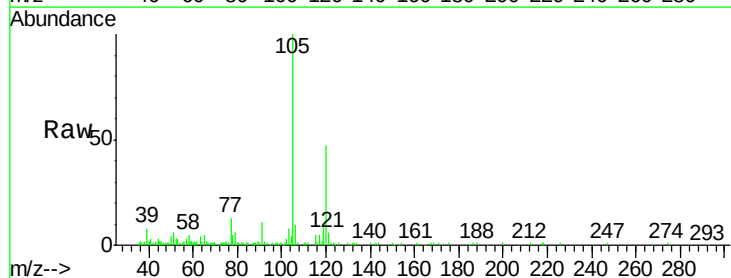
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

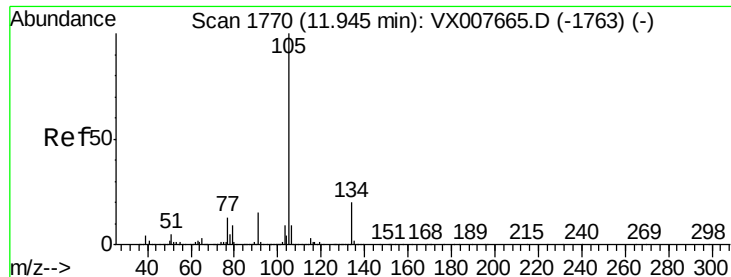
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	28.5	85.6
134	26.8	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.936 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 0.921 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

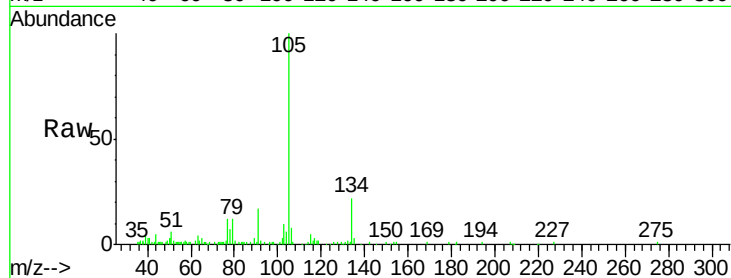
VSTDIC001

Tot Ion:105 Resp: 17427

Ion Ratio Lower Upper

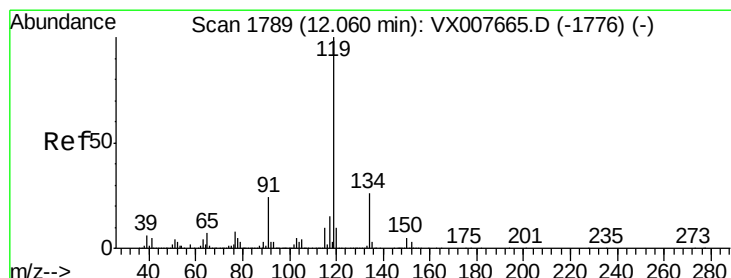
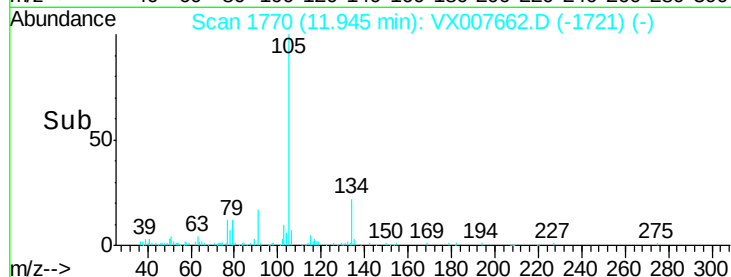
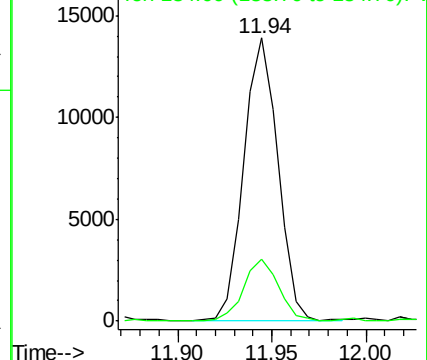
105 100

134 22.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.899 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

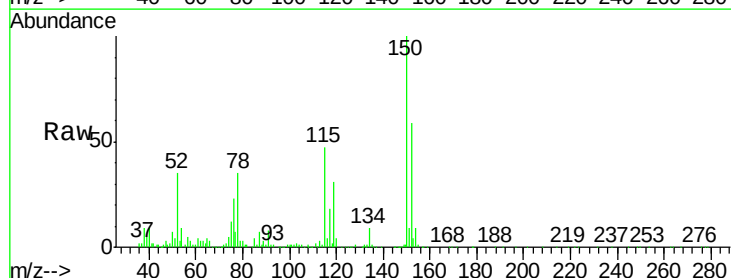
Tgt Ion:119 Resp: 14899

Ion Ratio Lower Upper

119 100

134 29.3 13.7 41.1

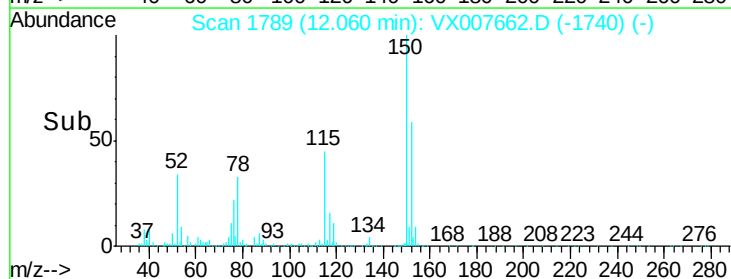
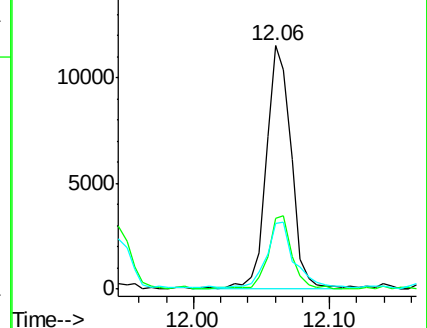
91 33.0 11.2 33.5

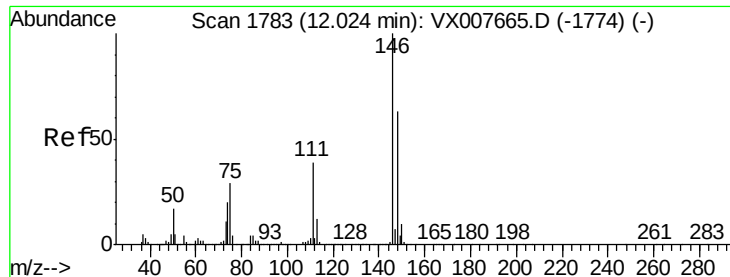


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.068 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

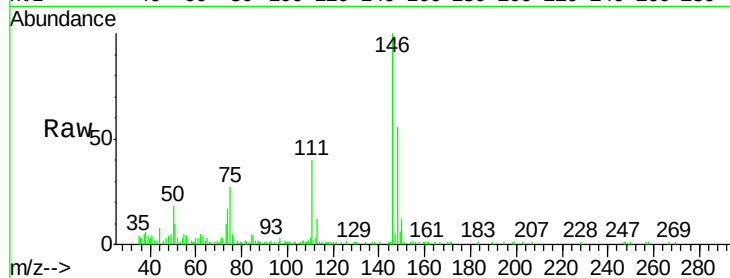
Tot Ion:146 Resp: 9499

Ion Ratio Lower Upper

146 100

111 44.9 18.1 54.1

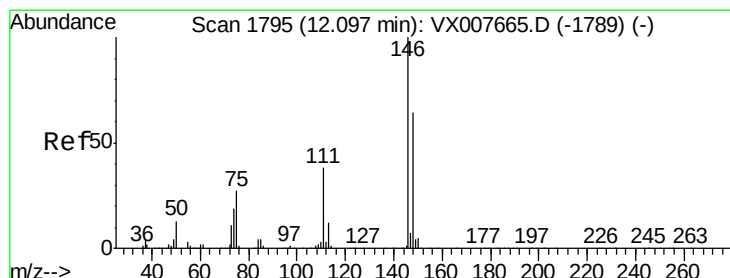
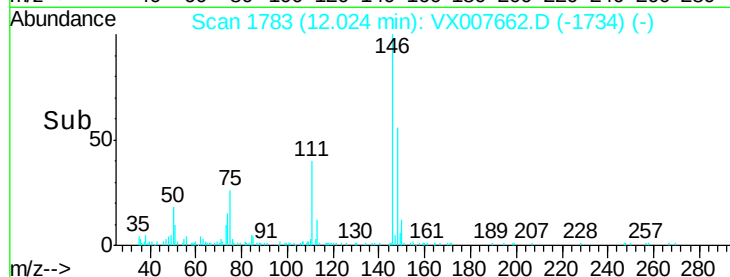
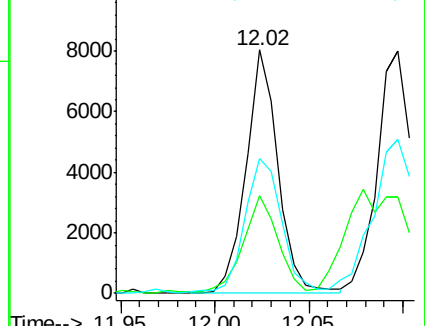
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.043 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

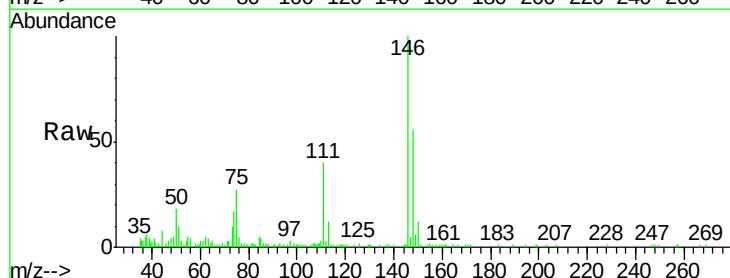
Tgt Ion:146 Resp: 9499

Ion Ratio Lower Upper

146 100

111 44.9 18.1 54.1

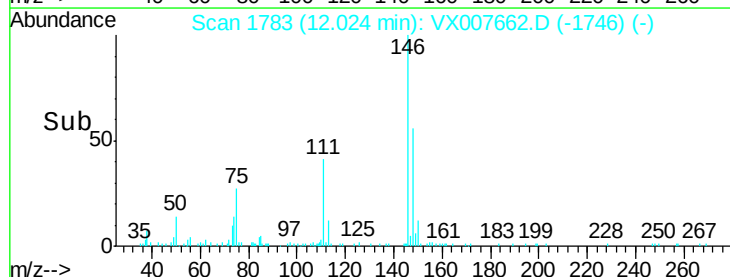
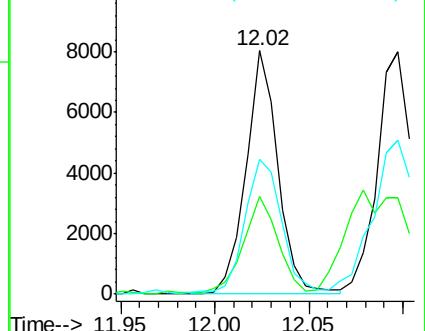
148 64.1 32.3 96.9

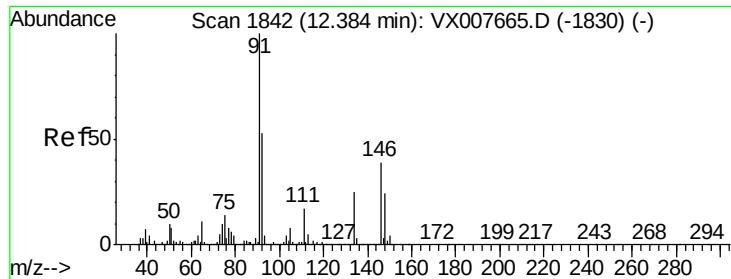


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

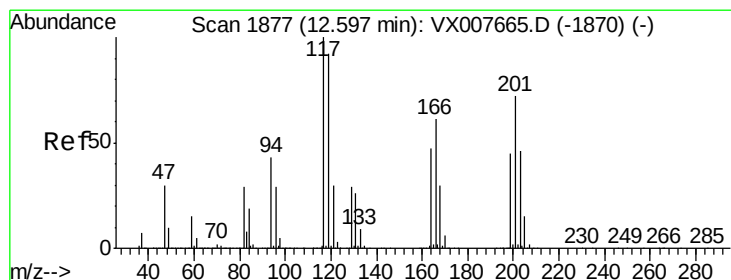
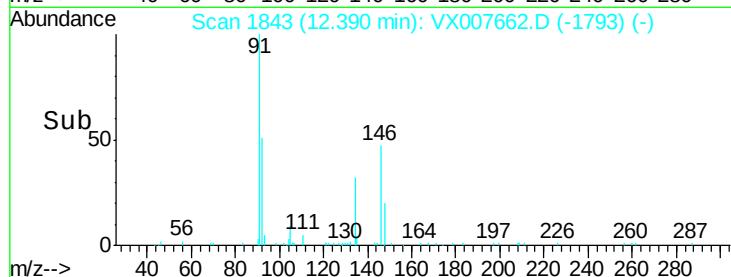
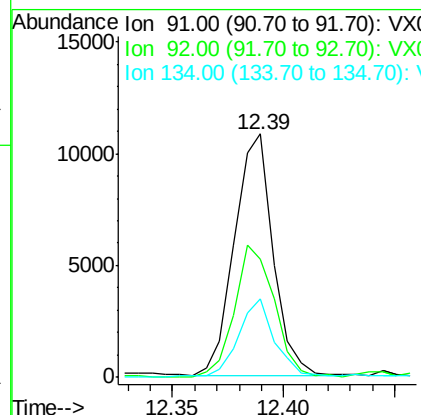
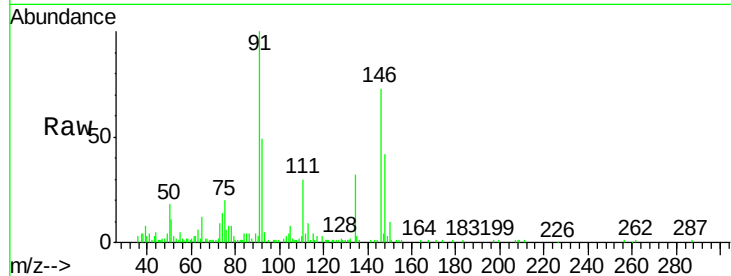




#89
n-Butylbenzene
Concen: 0.888 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

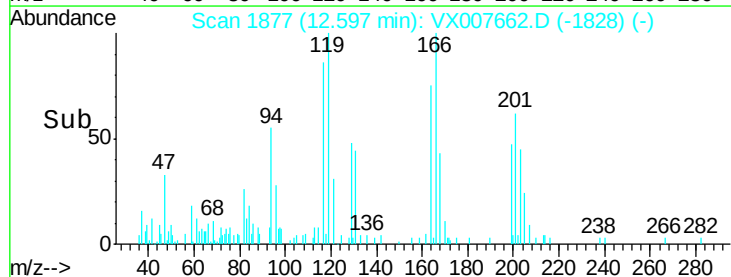
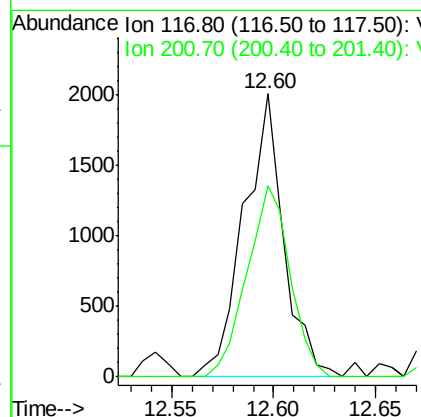
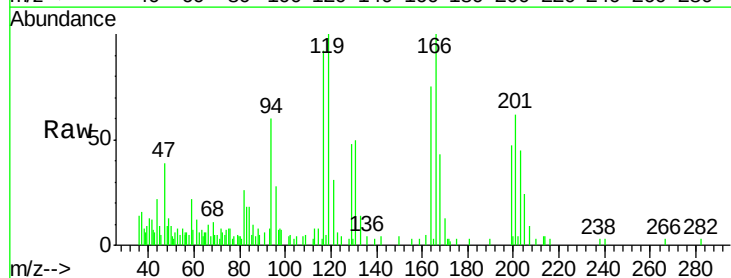
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

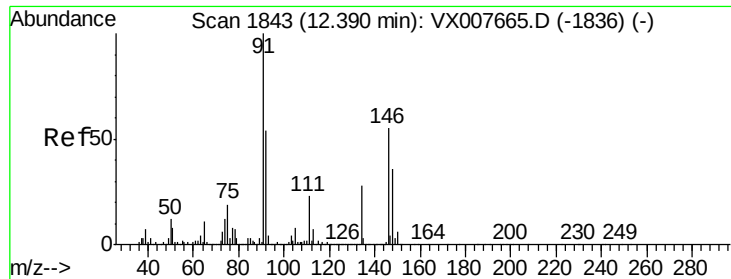
Tot Ion: 91 Resp: 13115
Ion Ratio Lower Upper
91 100
92 56.2 26.3 78.9
134 30.7 13.9 41.6



#90
Hexachloroethane
Concen: 0.978 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion: 117 Resp: 2731
Ion Ratio Lower Upper
117 100
201 72.6 44.9 134.7

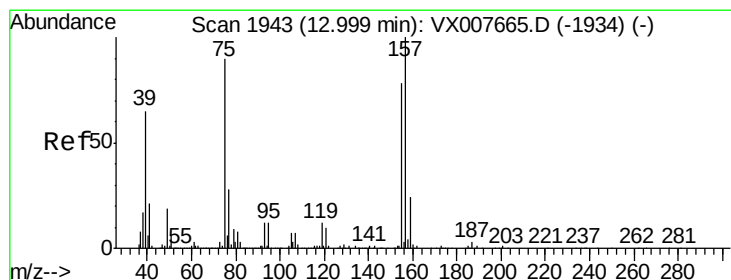
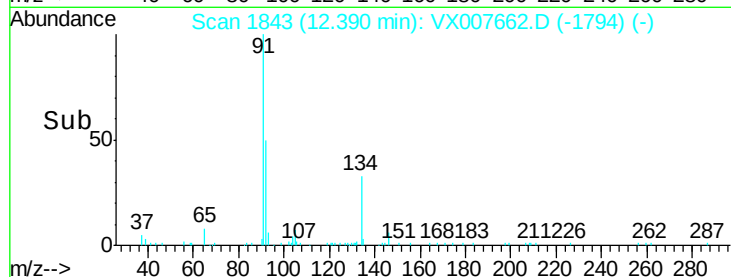
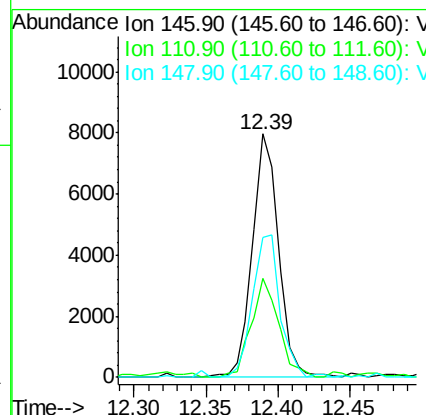
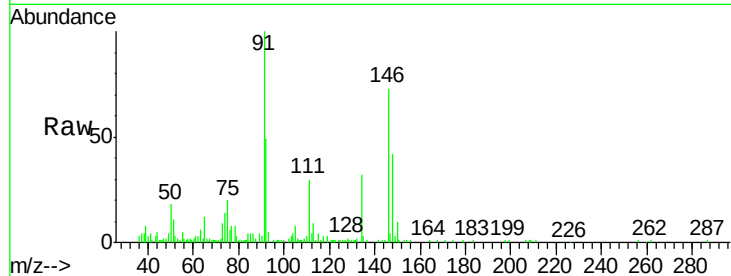




#91
 1,2-Dichlorobenzene
 Concen: 1.124 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

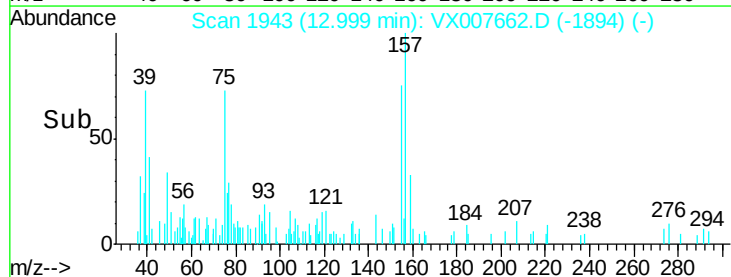
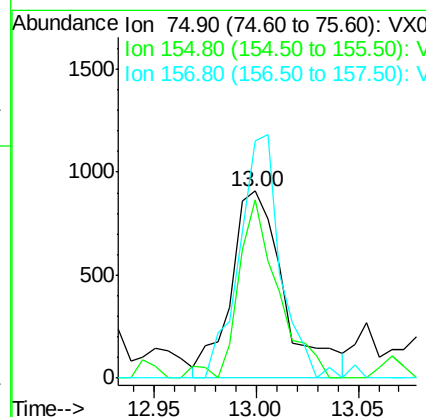
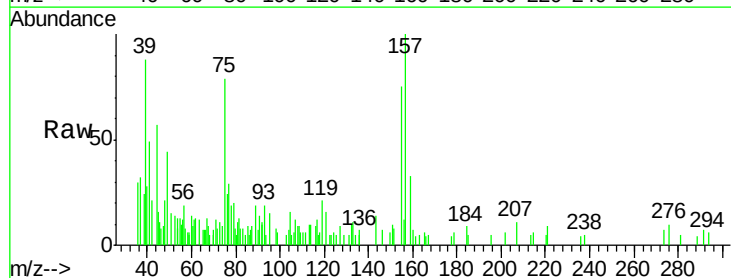
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

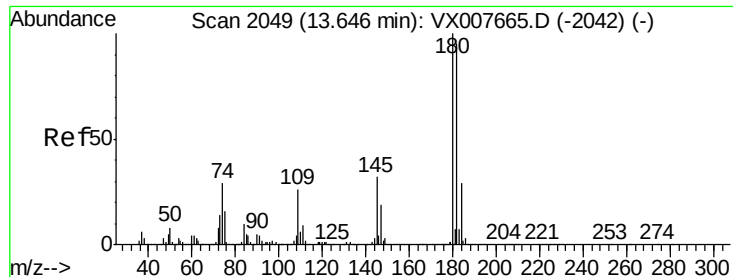
Tot Ion:146 Resp: 10005
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.1 57.3
 148 61.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.143 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007662.D
 Acq: 25 Feb 2019 09:46

Tgt Ion: 75 Resp: 1647
 Ion Ratio Lower Upper
 75 100
 155 71.4 49.6 149.0
 157 100.5 65.1 195.3

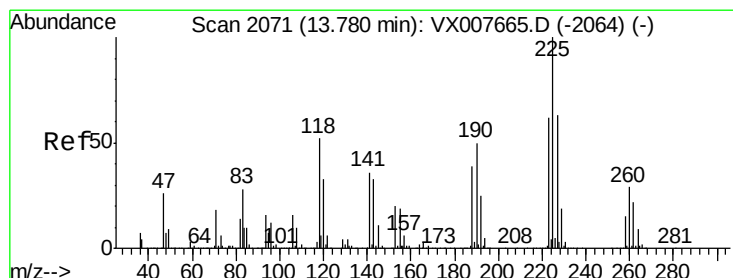
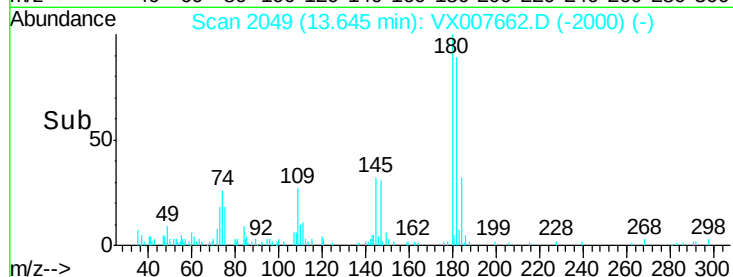
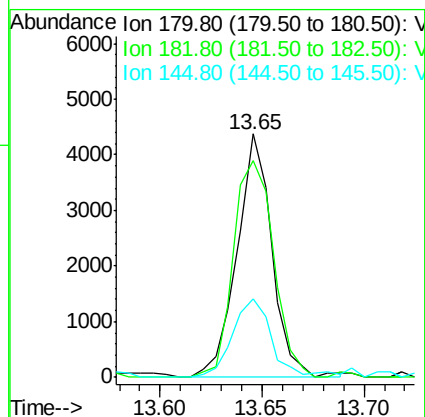
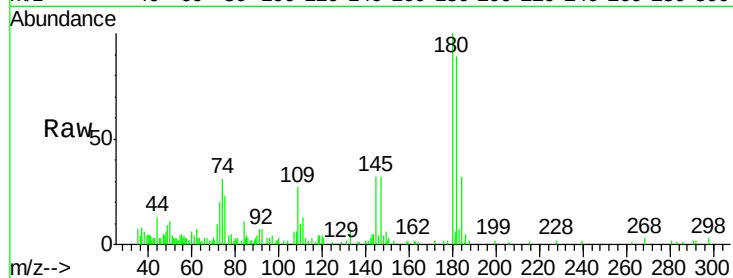




#93
1,2,4-Trichlorobenzene
Concen: 0.957 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

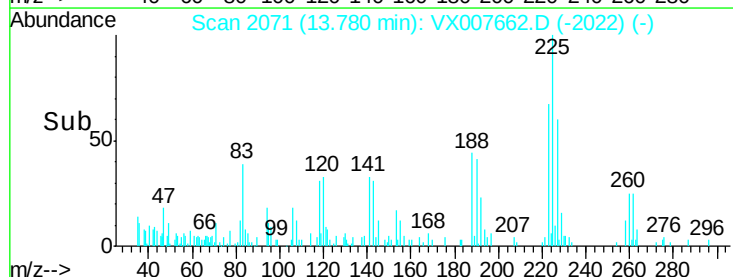
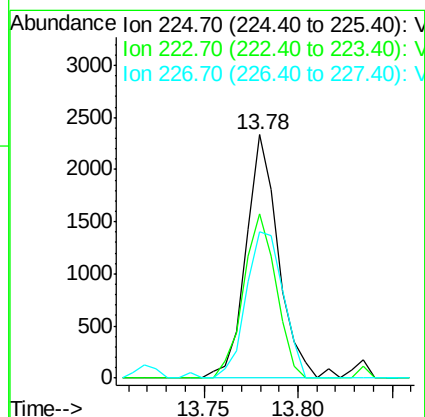
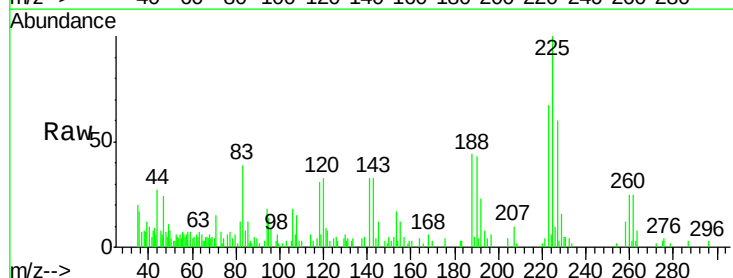
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

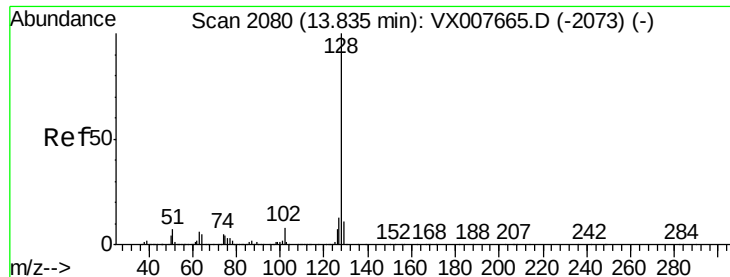
Tot Ion:180 Resp: 5200
Ion Ratio Lower Upper
180 100
182 102.1 47.8 143.3
145 35.5 14.1 42.2



#94
Hexachlorobutadiene
Concen: 1.121 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007662.D
Acq: 25 Feb 2019 09:46

Tgt Ion:225 Resp: 2786
Ion Ratio Lower Upper
225 100
223 68.1 31.6 94.8
227 68.6 32.1 96.3





#95

Naphthalene

Concen: 0.861 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

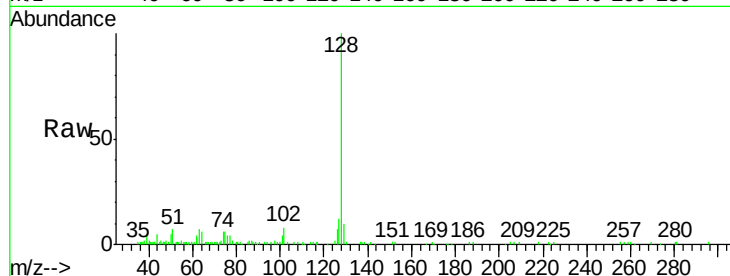
Tot Ion:128 Resp: 15144

Ion Ratio Lower Upper

128 100

127 16.4 10.5 15.7#

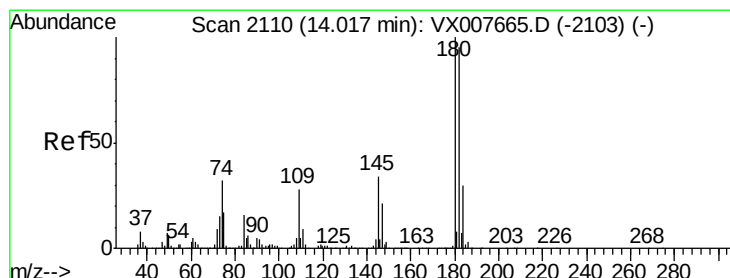
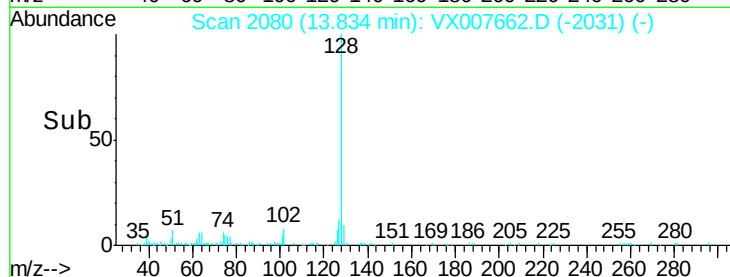
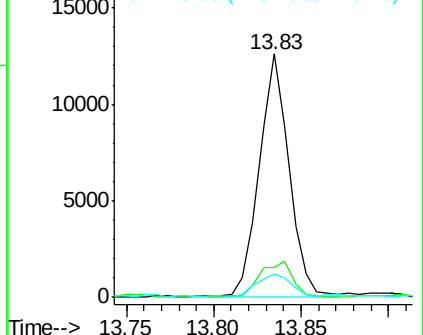
129 11.3 8.7 13.1



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: 1.066 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007662.D

Acq: 25 Feb 2019 09:46

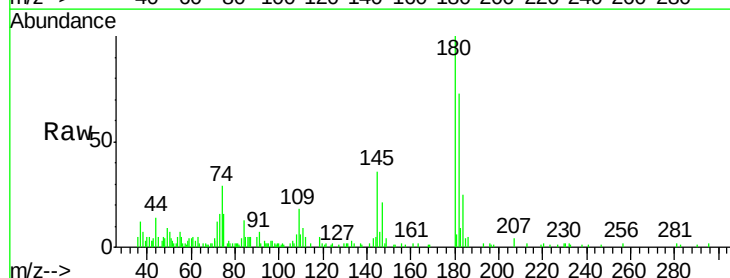
Tgt Ion:180 Resp: 5815

Ion Ratio Lower Upper

180 100

182 89.0 47.5 142.6

145 32.9 14.9 44.5



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

