

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006209.D
 Acq On : 29 Nov 2018 14:05
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 30 03:39:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	1076684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1571513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1410184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	738886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	13844	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
35) Dibromofluoromethane	5.50	113	12342	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
50) Toluene-d8	8.71	98	46478	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
62) 4-Bromofluorobenzene	11.13	95	17459	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	9463	0.898 ug/l	88
3) Chloromethane	1.33	50	10588	0.977 ug/l	94
4) Vinyl Chloride	1.41	62	11172	0.958 ug/l	99
5) Bromomethane	1.64	94	9352	1.157 ug/l	96
6) Chloroethane	1.73	64	6851	0.958 ug/l	91
7) Trichlorofluoromethane	1.93	101	16891	0.944 ug/l	94
8) Diethyl Ether	2.19	74	7221	1.066 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	10488	1.031 ug/l	95
10) Methyl Iodide	2.51	142	12569	0.820 ug/l	94
11) Tert butyl alcohol	3.06	59	16310	5.426 ug/l #	69
12) 1,1-Dichloroethene	2.38	96	10040	1.031 ug/l	83
13) Acrolein	2.30	56	9479	5.770 ug/l	90
14) Allyl chloride	2.73	41	19038	0.989 ug/l #	93
15) Acrylonitrile	3.15	53	30593	4.877 ug/l	98
16) Acetone	2.45	43	26982	5.231 ug/l	97
17) Carbon Disulfide	2.57	76	29912	0.996 ug/l	98
18) Methyl Acetate	2.78	43	17753	1.029 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	34625	0.996 ug/l	98
20) Methylene Chloride	2.85	84	12559	1.144 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	10561	1.017 ug/l	93
22) Diisopropyl ether	3.87	45	30780	1.024 ug/l	95
23) Vinyl Acetate	3.82	43	123208	4.805 ug/l	99
24) 1,1-Dichloroethane	3.70	63	18763	1.092 ug/l	95
25) 2-Butanone	4.70	43	38096	5.176 ug/l	89
26) 2,2-Dichloropropane	4.58	77	16422	1.036 ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	11350	0.980 ug/l	90
28) Bromochloromethane	5.01	49	6864	0.915 ug/l	87
29) Tetrahydrofuran	5.16	42	26049	5.093 ug/l	96
30) Chloroform	5.21	83	18730	1.037 ug/l	98
31) Cyclohexane	5.57	56	16481	1.038 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	18470	1.075 ug/l #	47
36) 1,1-Dichloropropene	5.80	75	14035	1.061 ug/l	96
37) Ethyl Acetate	4.86	43	16479	1.112 ug/l #	86
38) Carbon Tetrachloride	5.78	117	16552	1.063 ug/l #	88

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 30 03:39:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	18137	1.056	ug/l	90
40) Benzene	6.15	78	40841	1.030	ug/l	93
41) Methacrylonitrile	5.05	41	9419	1.155	ug/l	92
42) 1,2-Dichloroethane	6.20	62	12932	0.997	ug/l	98
43) Isopropyl Acetate	6.46	43	26611	1.077	ug/l	97
44) Trichloroethene	7.21	130	12405	1.033	ug/l	91
45) 1,2-Dichloropropane	7.51	63	10979	1.090	ug/l	97
46) Dibromomethane	7.66	93	7565	1.040	ug/l	93
47) Bromodichloromethane	7.90	83	14350	1.019	ug/l	99
48) Methyl methacrylate	7.77	41	12346	1.027	ug/l	98
49) 1,4-Dioxane	7.75	88	6514	21.987	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	73539	5.112	ug/l	99
52) Toluene	8.78	92	27255	1.045	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	16727	1.015	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	17811	1.041	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	10842	1.023	ug/l	95
56) Ethyl methacrylate	9.18	69	17840	1.077	ug/l	96
57) 1,3-Dichloropropane	9.37	76	17088	1.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	46425	5.524	ug/l	98
59) 2-Hexanone	9.49	43	54934	4.999	ug/l	99
60) Dibromochloromethane	9.59	129	13738	1.052	ug/l	100
61) 1,2-Dibromoethane	9.67	107	12819	1.082	ug/l	98
64) Tetrachloroethene	9.34	164	11234	1.058	ug/l	94
65) Chlorobenzene	10.14	112	30162	1.008	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	12085	1.039	ug/l #	64
67) Ethyl Benzene	10.25	91	52283	1.050	ug/l	97
68) m/p-Xylenes	10.36	106	41690	2.090	ug/l	98
69) o-Xylene	10.70	106	21009	1.066	ug/l	95
70) Styrene	10.71	104	32860	1.031	ug/l	98
71) Bromoform	10.86	173	11150	1.016	ug/l #	99
73) Isopropylbenzene	11.02	105	51674	1.013	ug/l	98
74) N-amyl acetate	10.90	43	22415	1.020	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	17070	1.046	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	20599	1.074	ug/l	90
77) Bromobenzene	11.26	156	14997	1.059	ug/l	98
78) n-propylbenzene	11.36	91	56402	0.994	ug/l	98
79) 2-Chlorotoluene	11.42	91	34278	1.017	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	43352	1.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	6074	0.999	ug/l #	66
82) 4-Chlorotoluene	11.51	91	39272	1.002	ug/l	99
83) tert-Butylbenzene	11.77	119	46762	1.032	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	45873	1.046	ug/l	98
85) sec-Butylbenzene	11.94	105	52270	1.014	ug/l	99
86) p-Isopropyltoluene	12.07	119	47769	1.029	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	25650	1.018	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	25650	1.015	ug/l	94
89) n-Butylbenzene	12.38	91	39327	0.993	ug/l	97
90) Hexachloroethane	12.60	117	9400	0.994	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	26322	1.053	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4855	1.160	ug/l	87

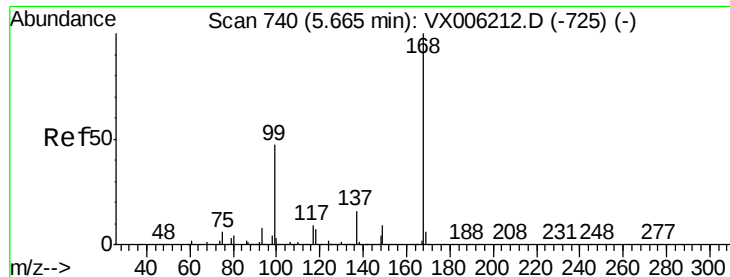
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006209.D
Acq On : 29 Nov 2018 14:05
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Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Nov 30 03:39:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:36:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	18350	1.006	ug/l	95
94) Hexachlorobutadiene	13.78	225	8458	1.048	ug/l	94
95) Naphthalene	13.83	128	57301	1.010	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	17843	0.987	ug/l	99

(#) = 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: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

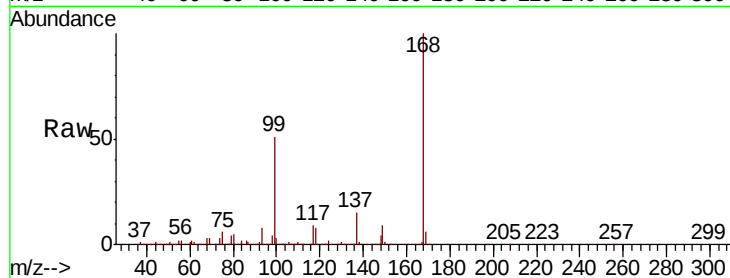
VSTDIC001

Tgt Ion:168 Resp: 1076684

Ion Ratio Lower Upper

168 100

99 50.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

400000

300000

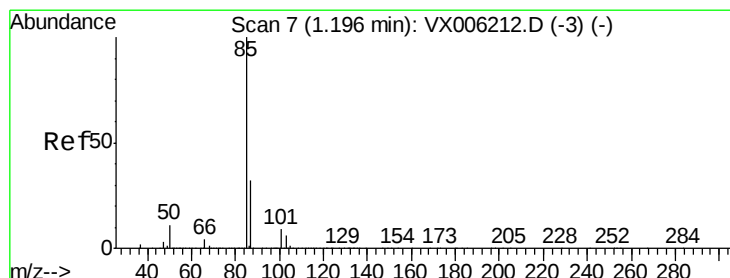
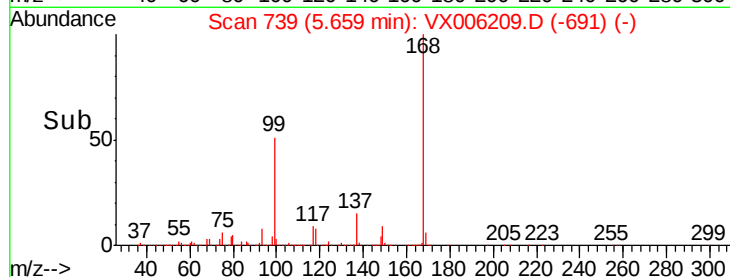
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.898 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006209.D

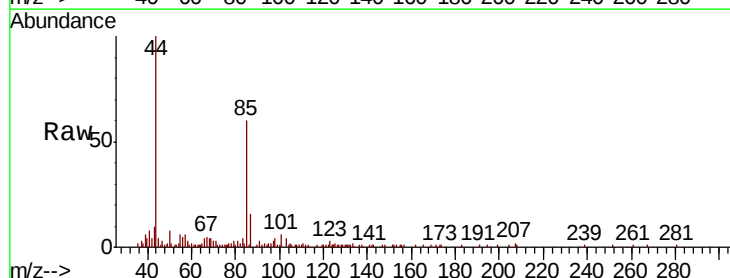
Acq: 29 Nov 2018 14:05

Tgt Ion: 85 Resp: 9463

Ion Ratio Lower Upper

85 100

87 25.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

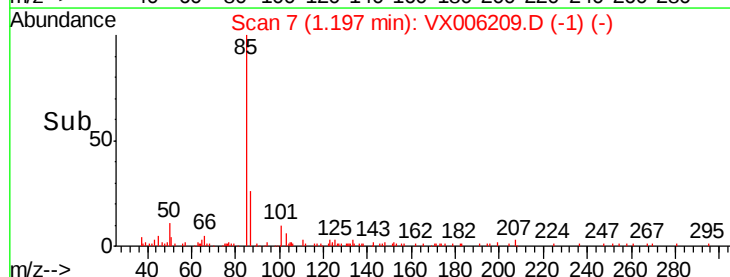
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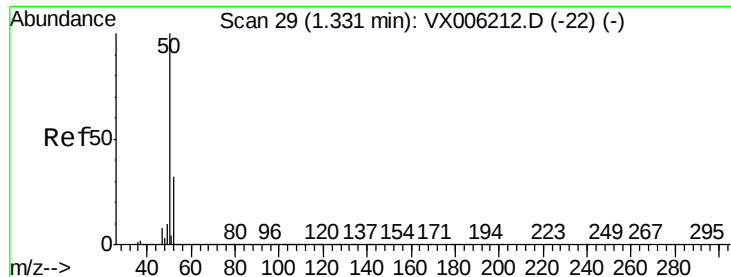
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 0.977 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

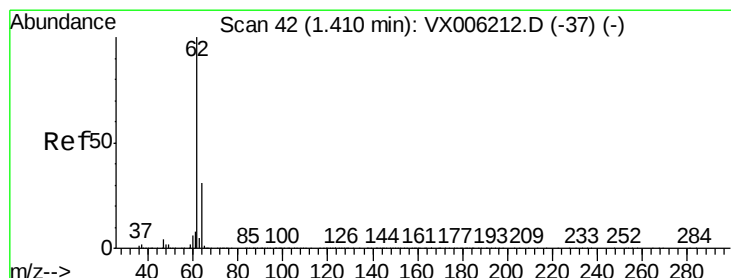
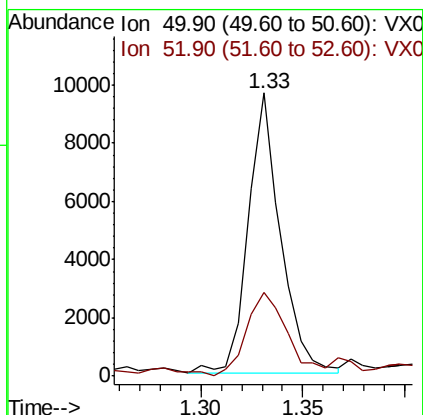
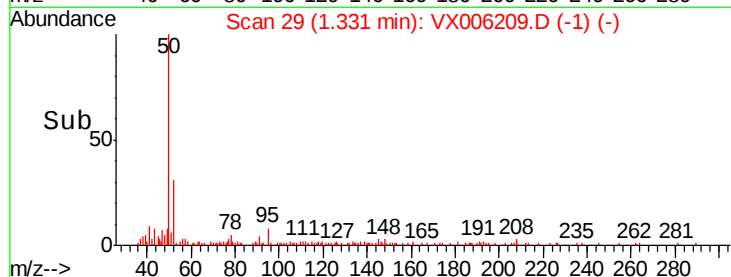
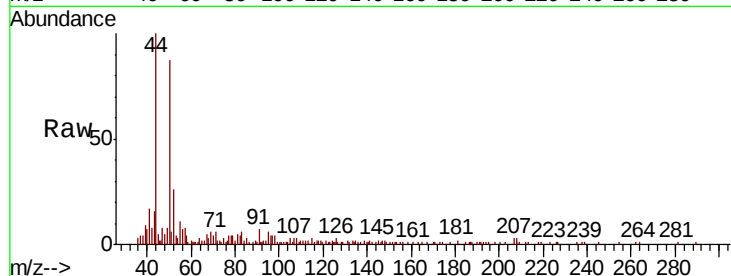
VSTDIC001

Tgt Ion: 50 Resp: 10588

Ion Ratio Lower Upper

50 100

52 28.4 25.2 37.8



#4

Vinyl Chloride

Concen: 0.958 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006209.D

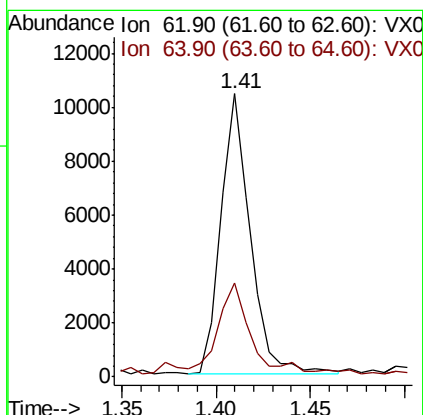
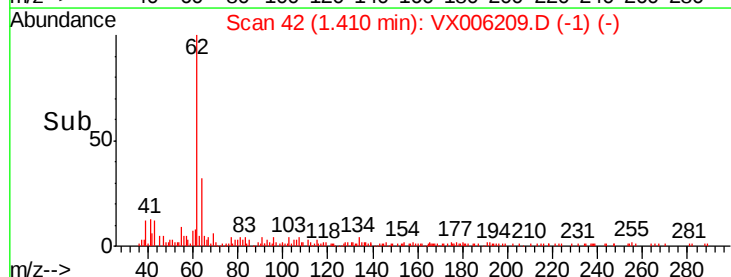
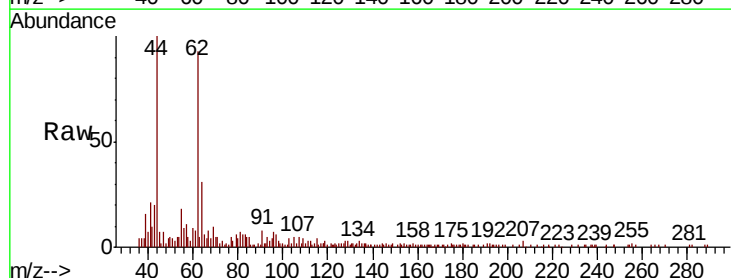
Acq: 29 Nov 2018 14:05

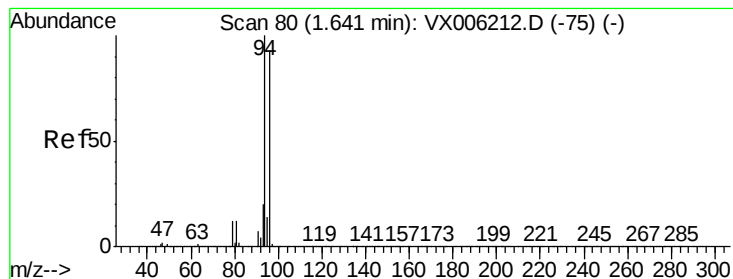
Tgt Ion: 62 Resp: 11172

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 1.157 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

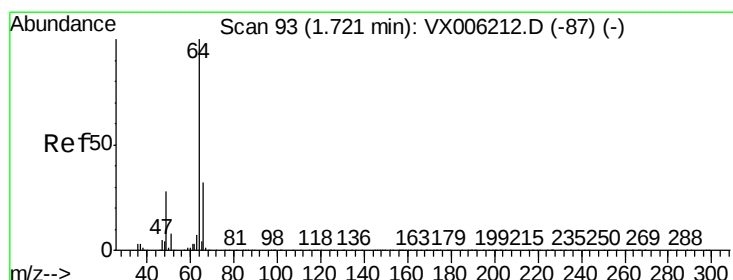
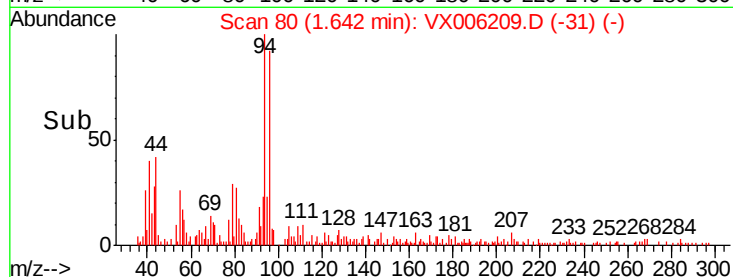
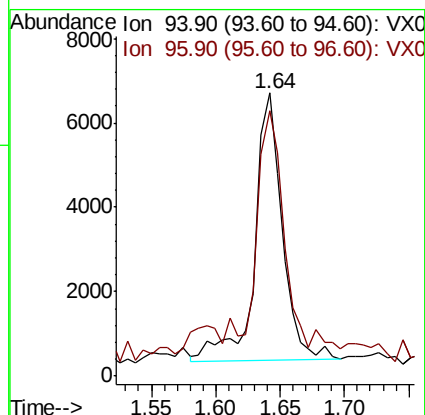
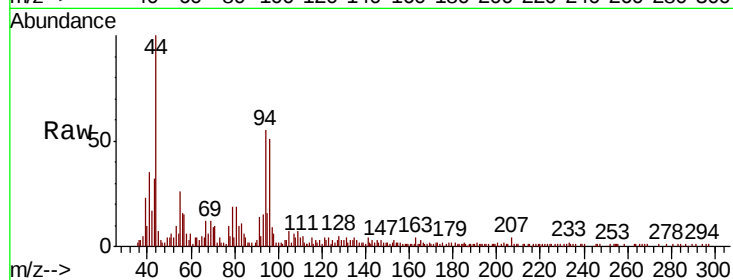
VSTDIC001

Tgt Ion: 94 Resp: 9352

Ion Ratio Lower Upper

94 100

96 89.6 74.5 111.7



#6

Chloroethane

Concen: 0.958 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006209.D

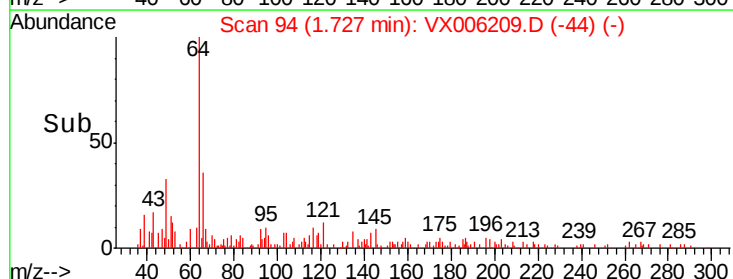
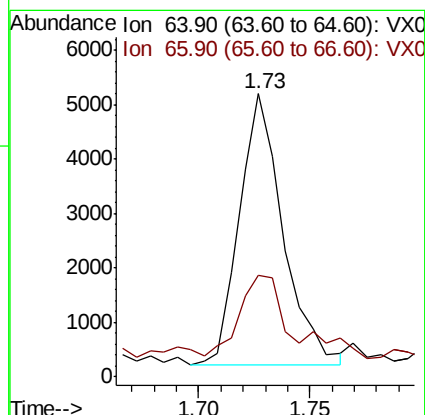
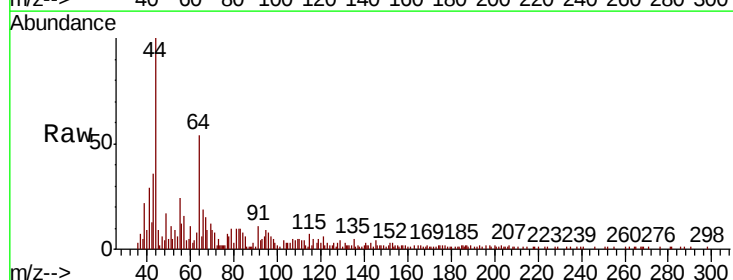
Acq: 29 Nov 2018 14:05

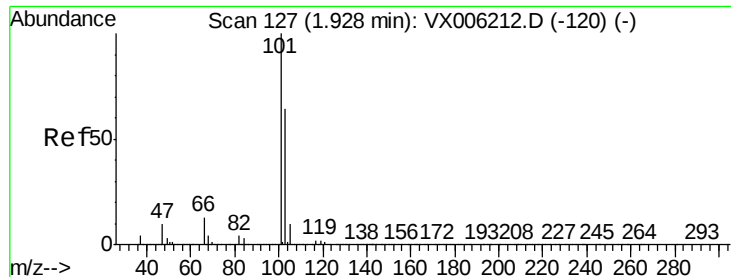
Tgt Ion: 64 Resp: 6851

Ion Ratio Lower Upper

64 100

66 27.4 25.9 38.9





#7

Trichlorofluoromethane

Concen: 0.944 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

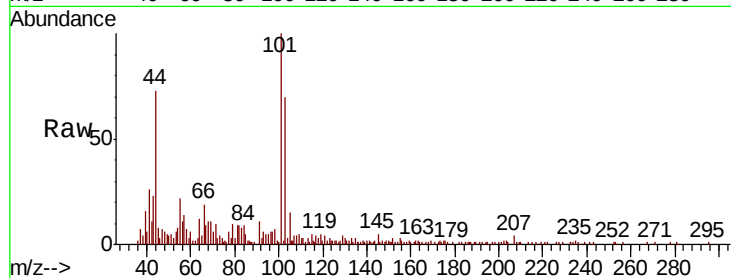
VSTDIC001

Tgt Ion:101 Resp: 16891

Ion Ratio Lower Upper

101 100

103 68.2 51.0 76.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

12000

10000

8000

6000

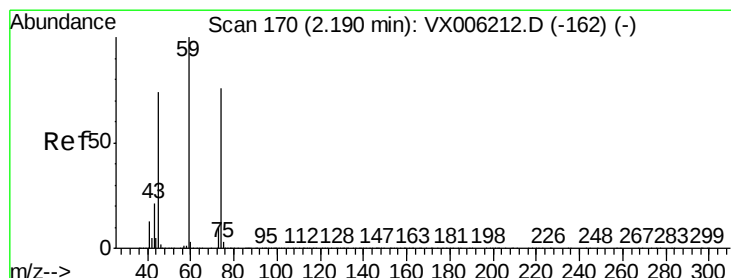
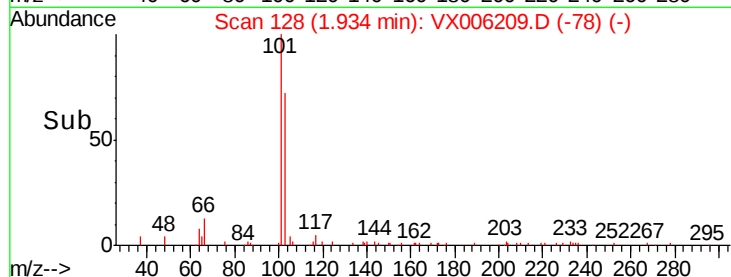
4000

2000

0

Time-->

1.85 1.90 1.95 2.00



#8

Diethyl Ether

Concen: 1.066 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006209.D

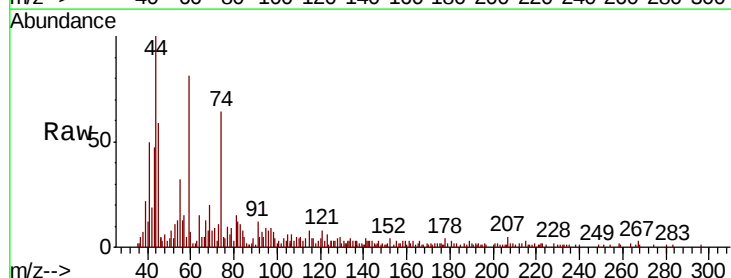
Acq: 29 Nov 2018 14:05

Tgt Ion: 74 Resp: 7221

Ion Ratio Lower Upper

74 100

45 95.5 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

6000

5000

4000

3000

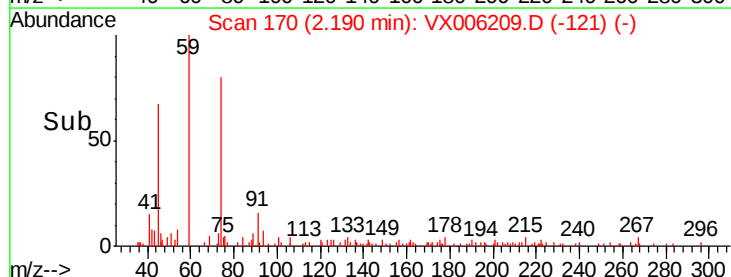
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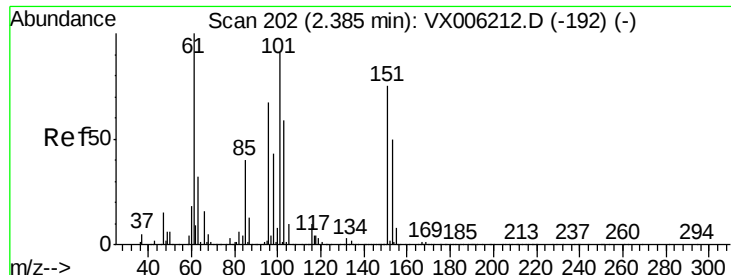
1000

0

Time-->

2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.031 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

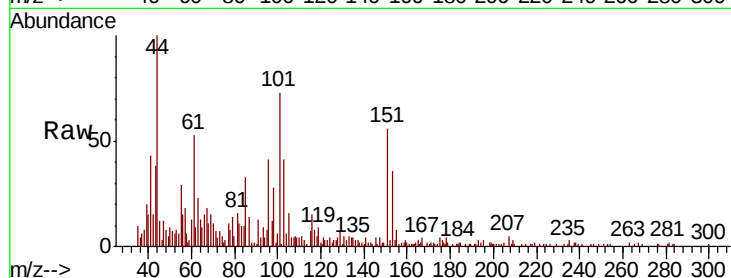
Tgt Ion:101 Resp: 10488

Ion Ratio Lower Upper

101 100

85 48.0 35.5 53.3

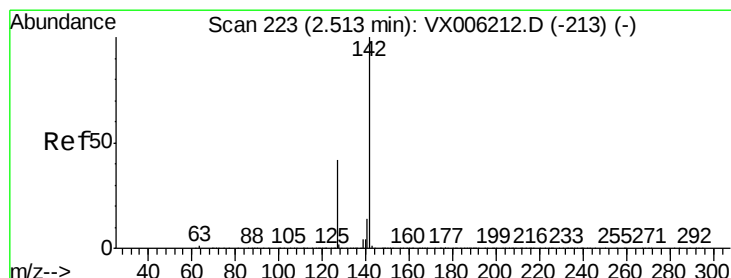
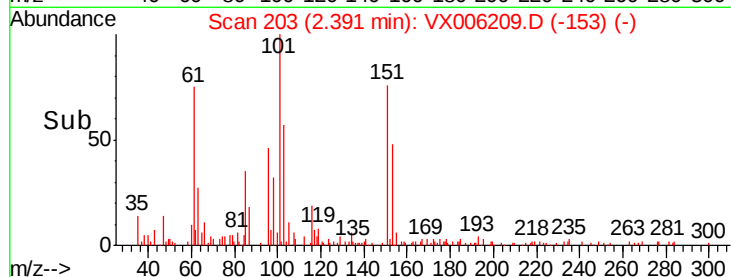
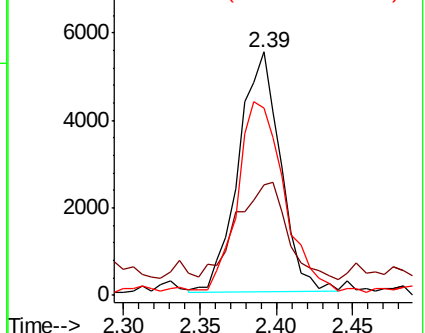
151 89.6 68.6 103.0



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: 0.820 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

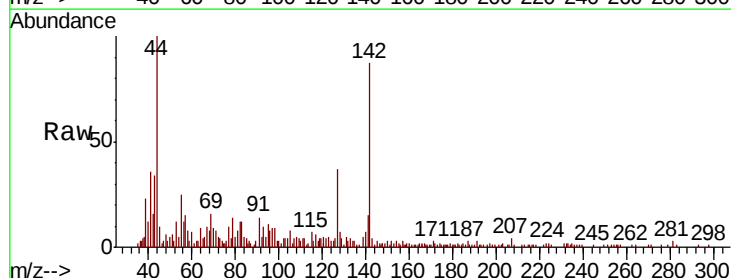
Tgt Ion:142 Resp: 12569

Ion Ratio Lower Upper

142 100

127 48.4 34.8 52.2

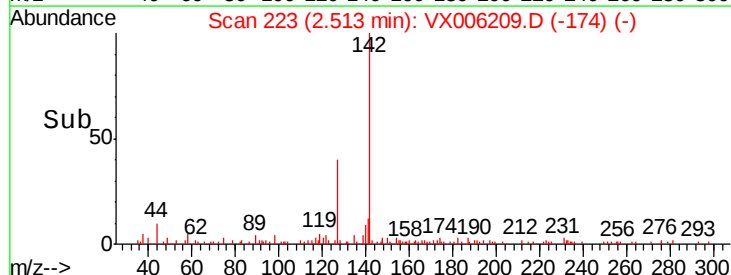
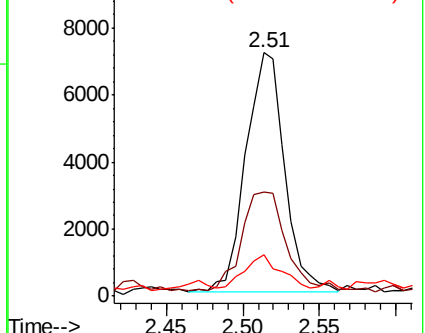
141 14.8 11.4 17.2

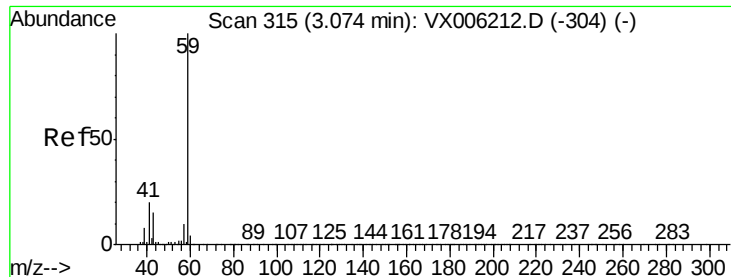


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



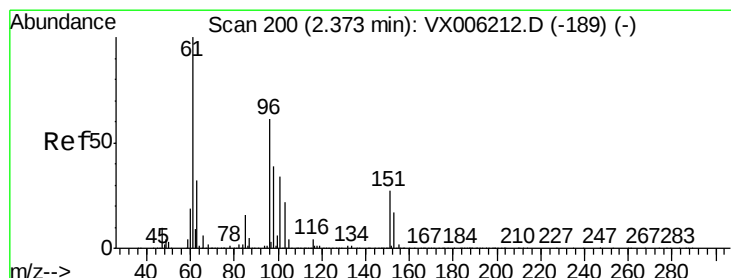
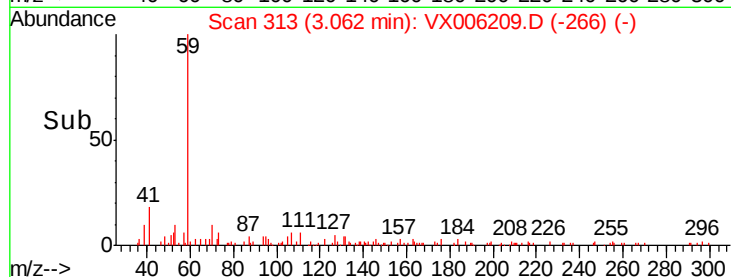
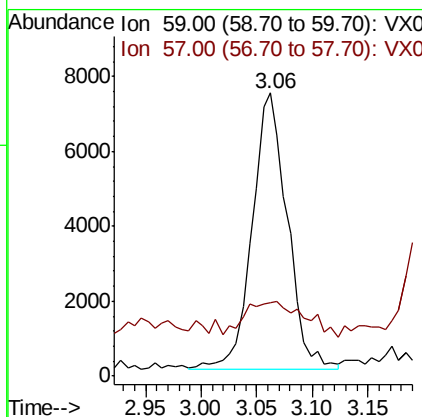
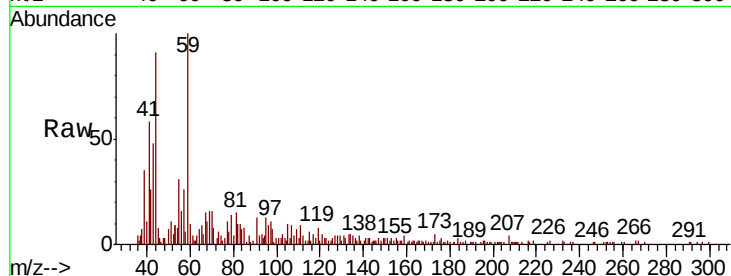


#11

Tert butyl alcohol
 Concen: 5.426 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

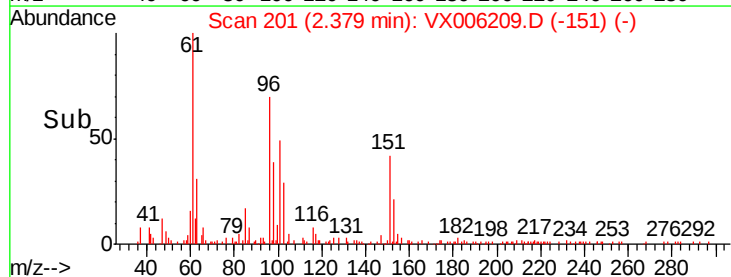
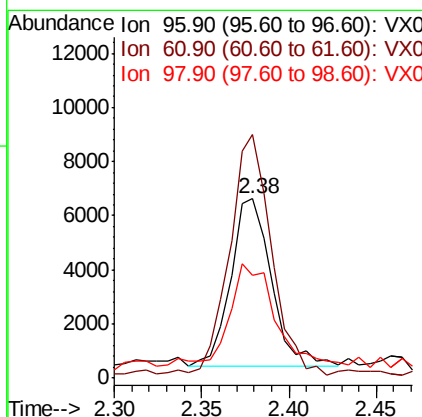
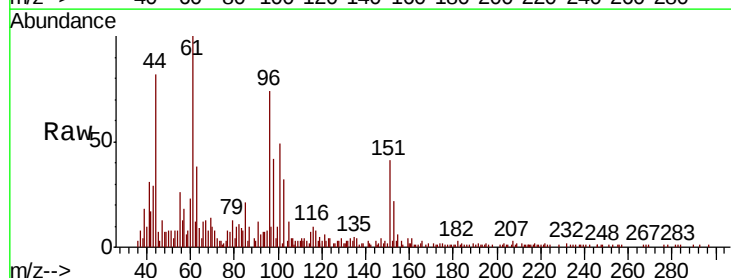
Tgt Ion: 59 Resp: 16310
 Ion Ratio Lower Upper
 59 100
 57 21.8 8.2 12.2#

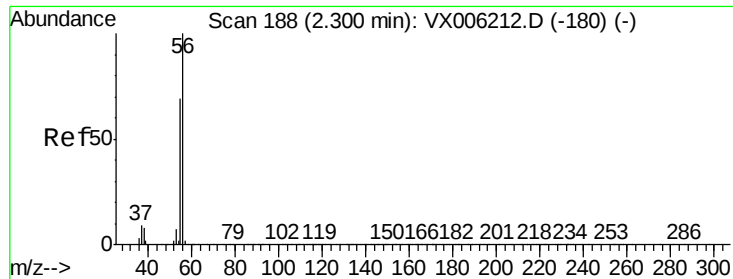


#12

1,1-Dichloroethene
 Concen: 1.031 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 96 Resp: 10040
 Ion Ratio Lower Upper
 96 100
 61 142.2 131.7 197.5
 98 52.0 51.8 77.6





#13

Acrolein

Concen: 5.770 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

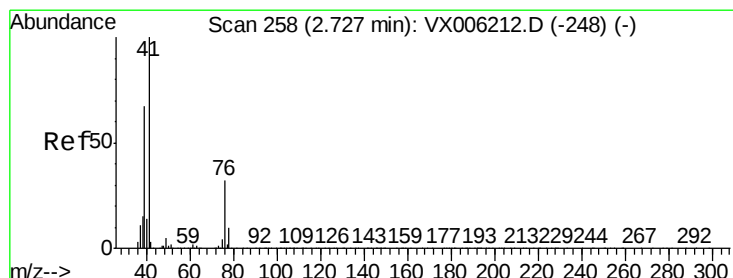
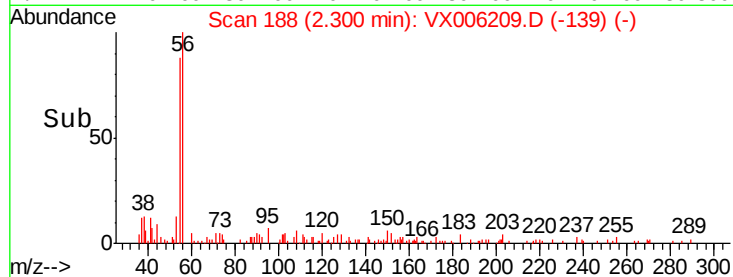
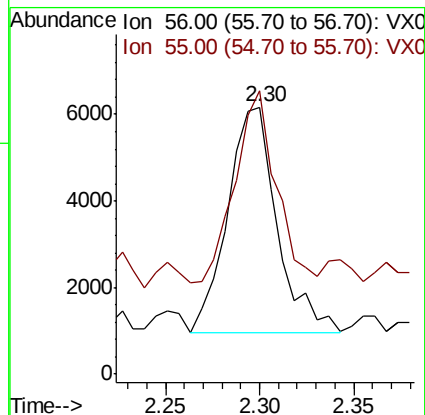
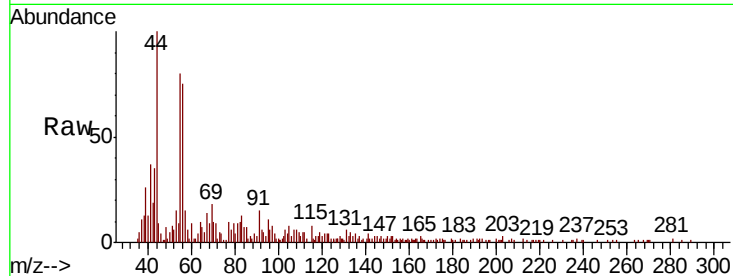
VSTDIC001

Tgt Ion: 56 Resp: 9479

Ion Ratio Lower Upper

56 100

55 80.2 57.8 86.6



#14

Allyl chloride

Concen: 0.989 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

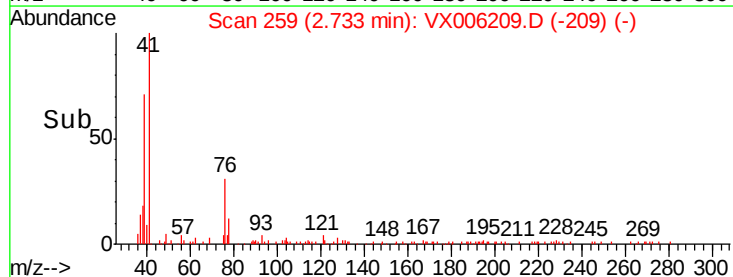
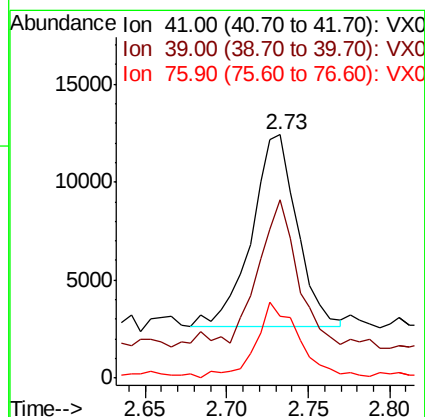
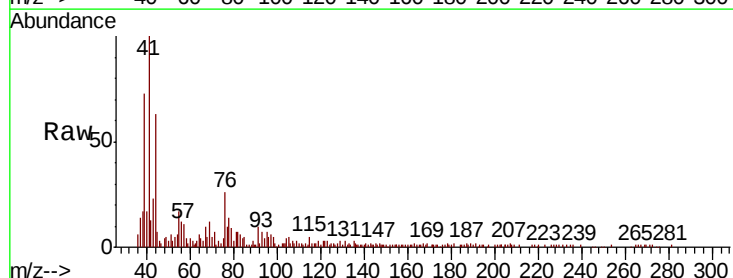
Tgt Ion: 41 Resp: 19038

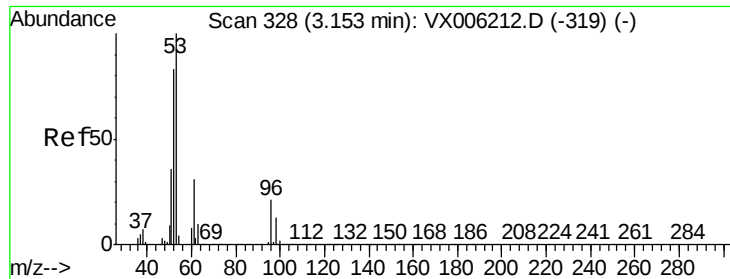
Ion Ratio Lower Upper

41 100

39 62.5 52.4 78.6

76 38.4 25.4 38.0#





#15

Acrylonitrile

Concen: 4.877 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

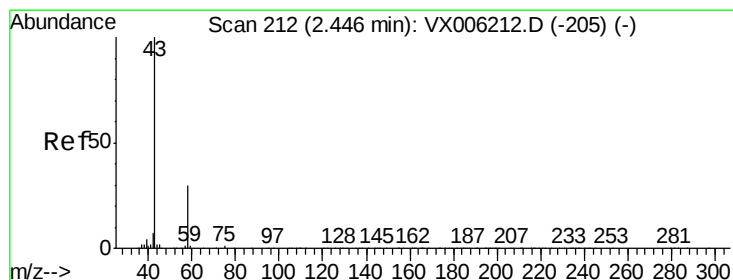
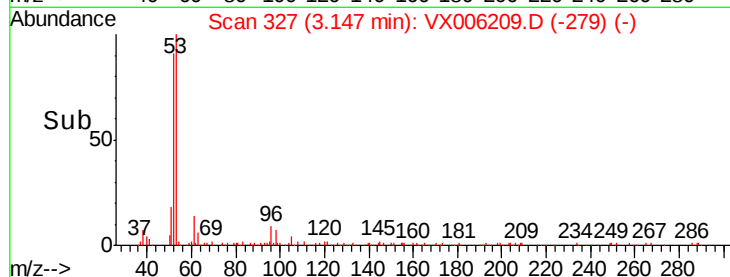
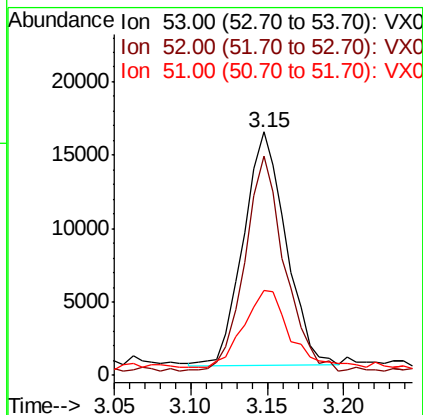
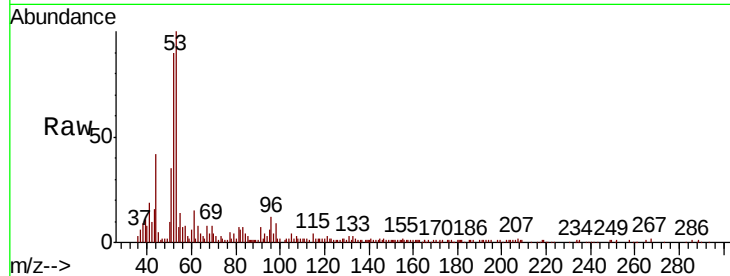
Tgt Ion: 53 Resp: 30593

Ion Ratio Lower Upper

53 100

52 85.0 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 5.231 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006209.D

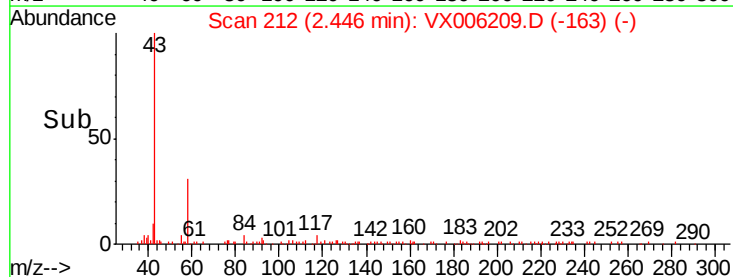
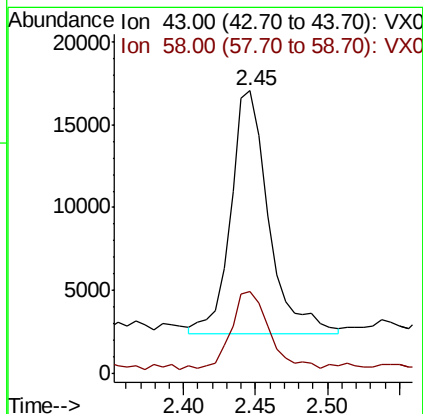
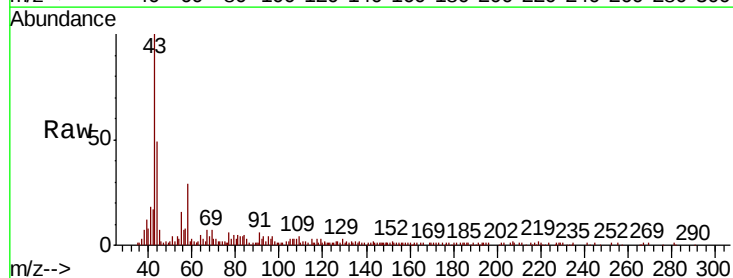
Acq: 29 Nov 2018 14:05

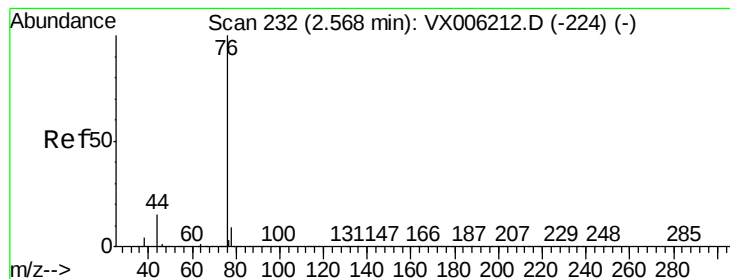
Tgt Ion: 43 Resp: 26982

Ion Ratio Lower Upper

43 100

58 31.7 24.0 36.0





#17

Carbon Disulfide

Concen: 0.996 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

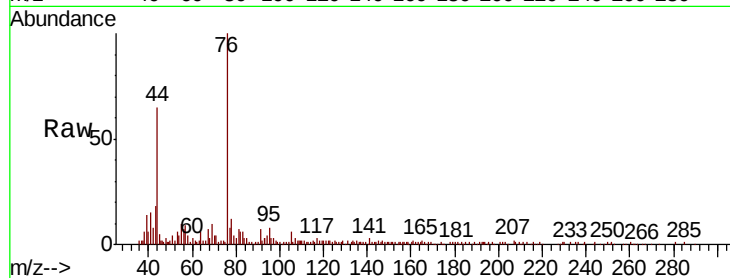
VSTDIC001

Tgt Ion: 76 Resp: 29912

Ion Ratio Lower Upper

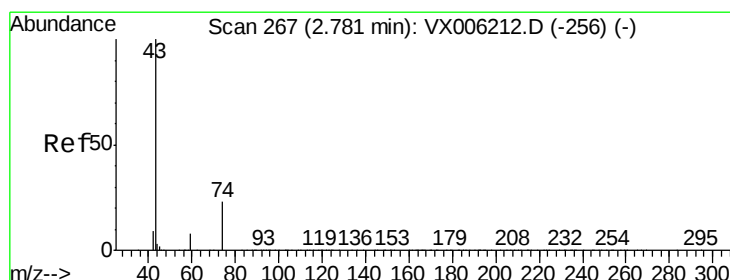
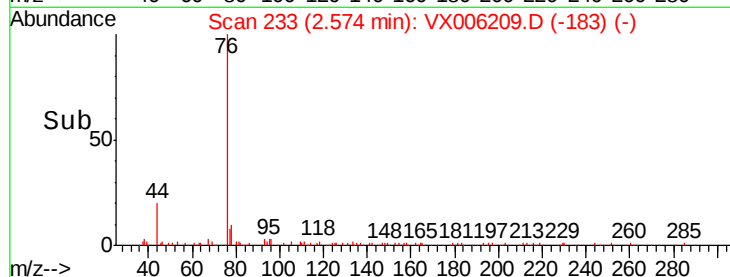
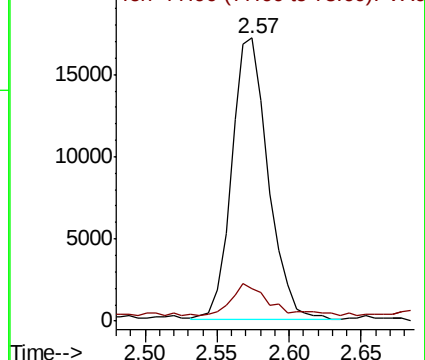
76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.029 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006209.D

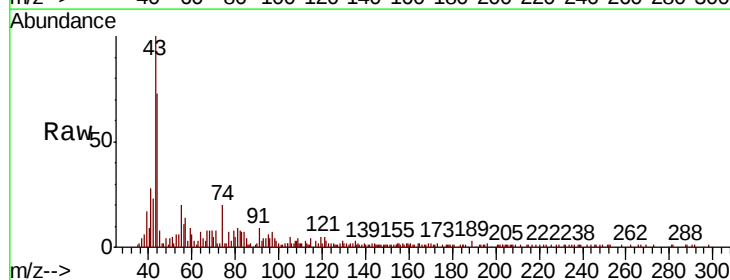
Acq: 29 Nov 2018 14:05

Tgt Ion: 43 Resp: 17753

Ion Ratio Lower Upper

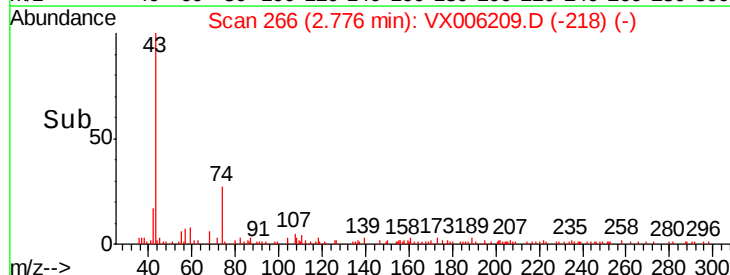
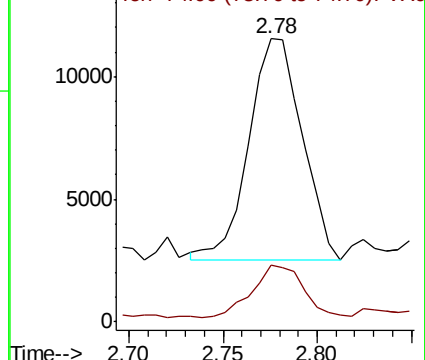
43 100

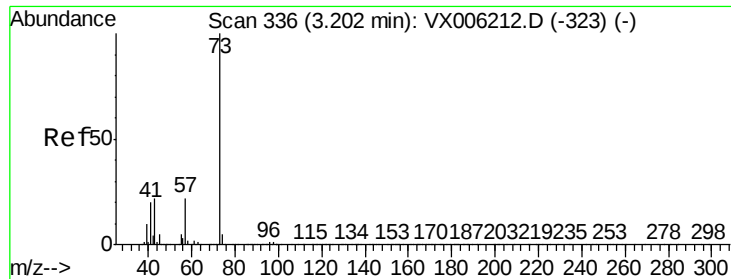
74 22.7 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.996 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

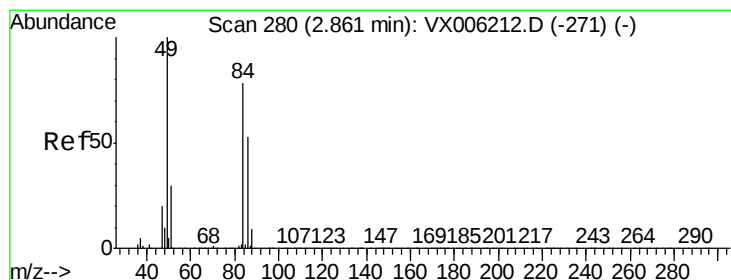
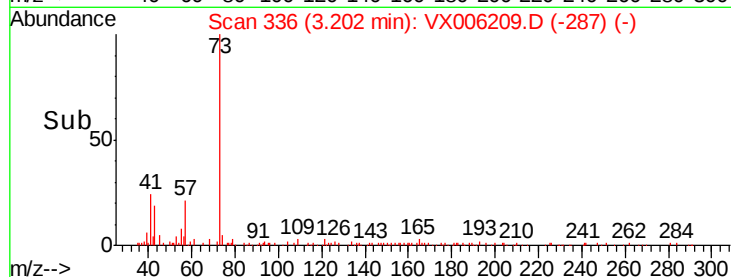
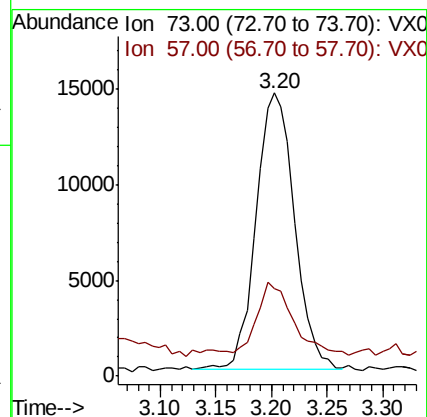
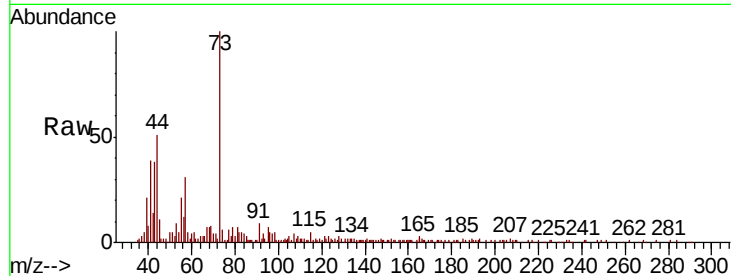
VSTDIC001

Tgt Ion: 73 Resp: 34625

Ion Ratio Lower Upper

73 100

57 22.7 17.5 26.3



#20

Methylene Chloride

Concen: 1.144 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Tgt Ion: 84 Resp: 12559

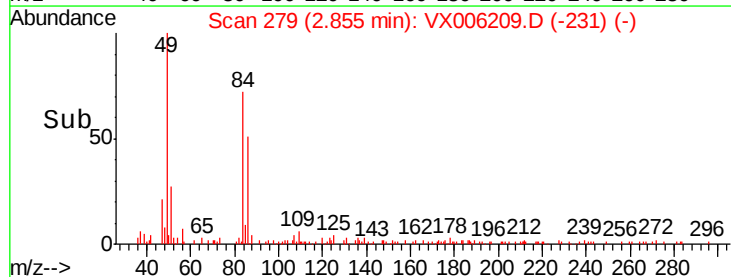
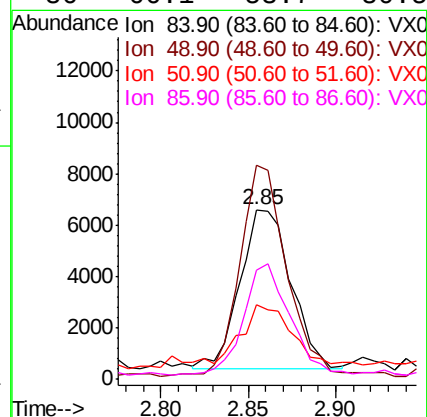
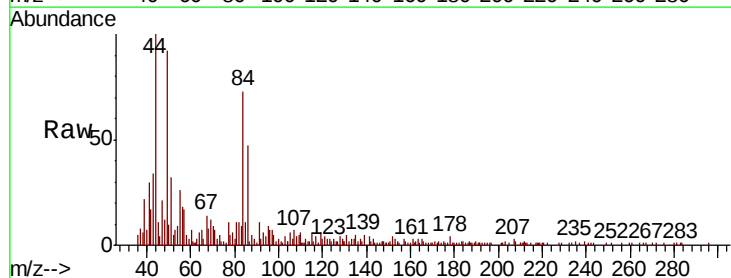
Ion Ratio Lower Upper

84 100

49 132.8 102.2 153.4

51 36.4 31.1 46.7

86 66.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 1.017 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

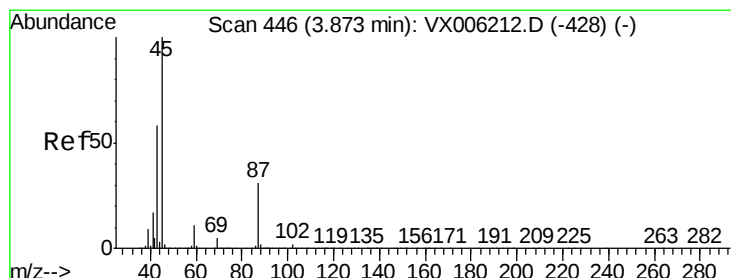
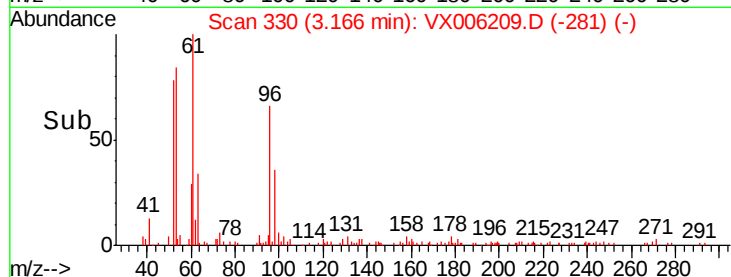
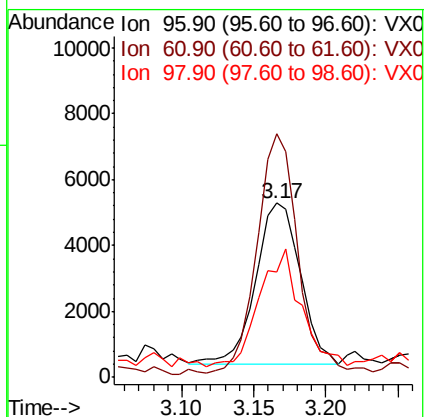
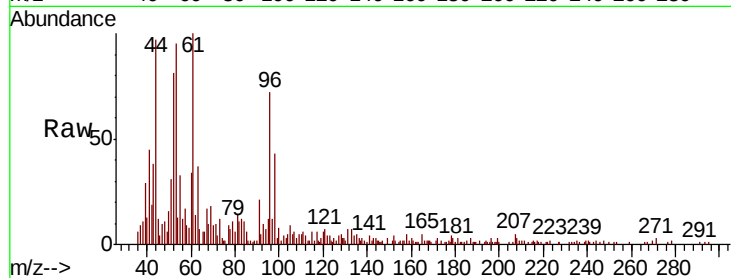
Tgt Ion: 96 Resp: 10561

Ion Ratio Lower Upper

96 100

61 146.1 113.3 169.9

98 56.3 53.2 79.8



#22

Diisopropyl ether

Concen: 1.024 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Tgt Ion: 45 Resp: 30780

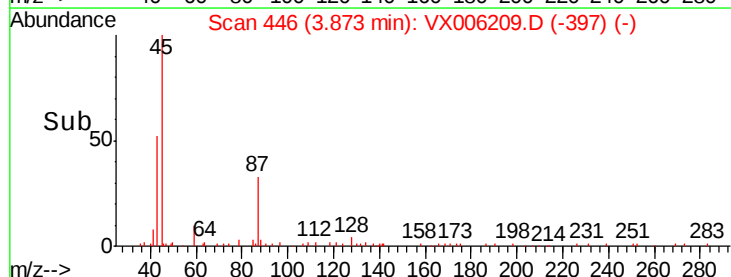
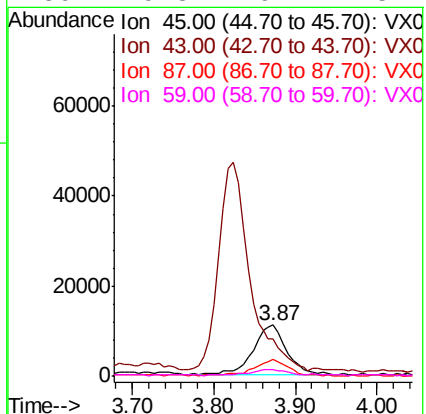
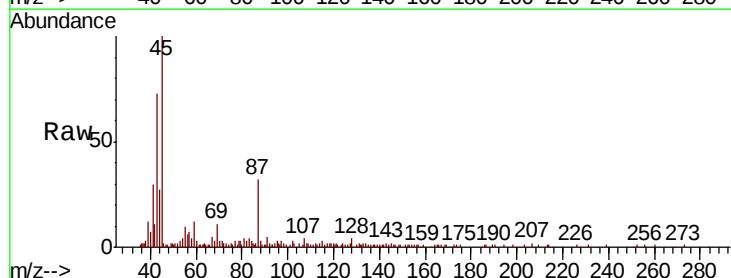
Ion Ratio Lower Upper

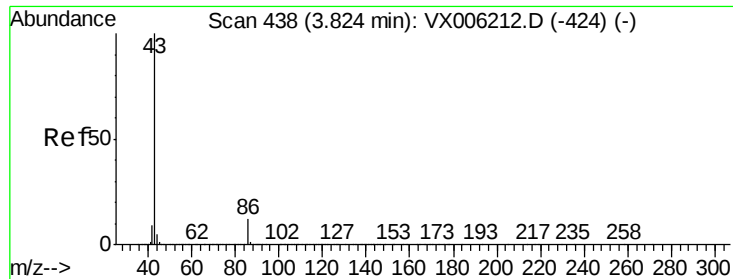
45 100

43 62.0 46.2 69.2

87 33.0 24.9 37.3

59 9.8 9.1 13.7

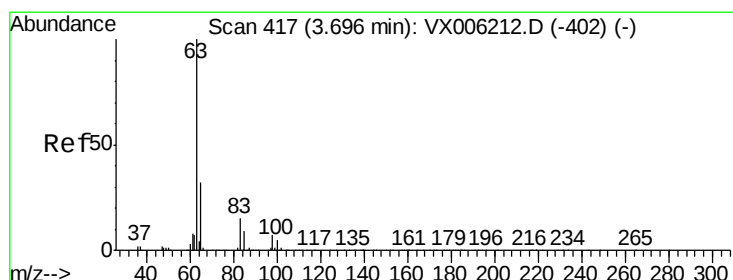
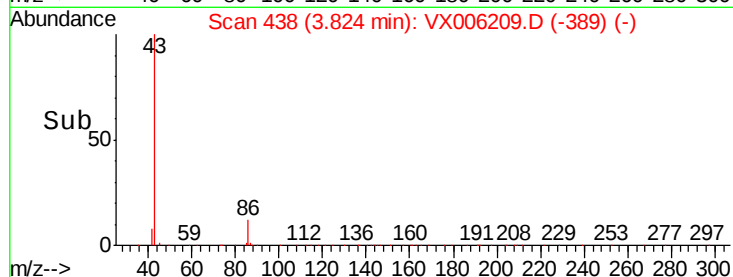
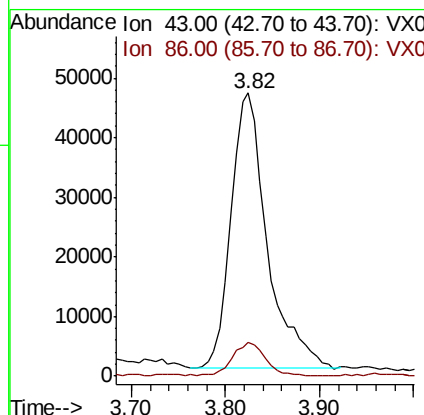
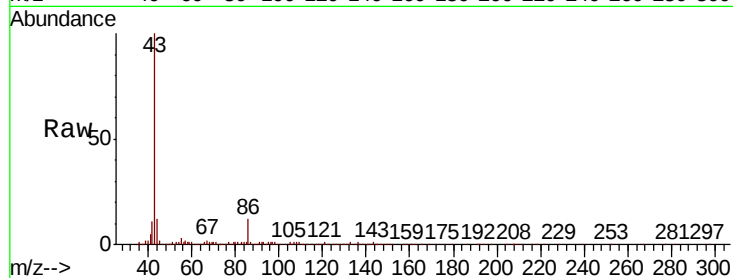




#23
 Vinyl Acetate
 Concen: 4.805 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

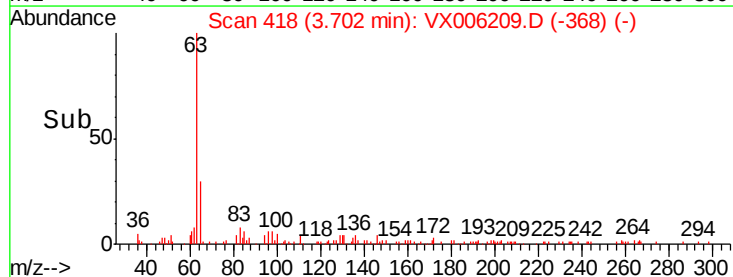
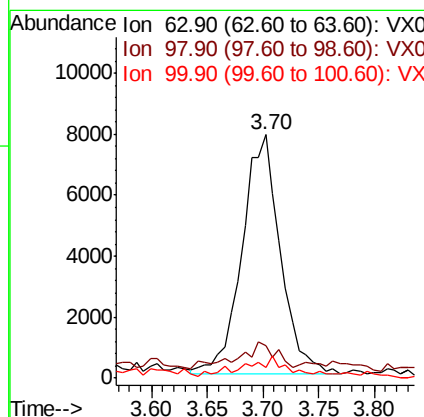
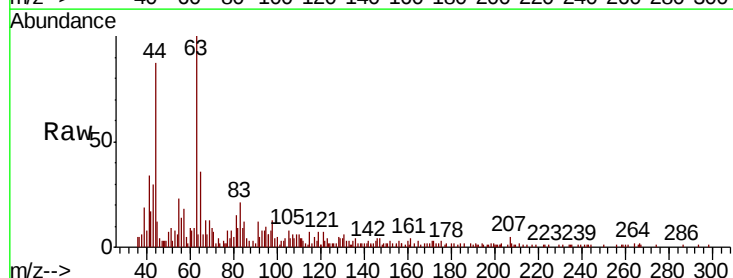
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

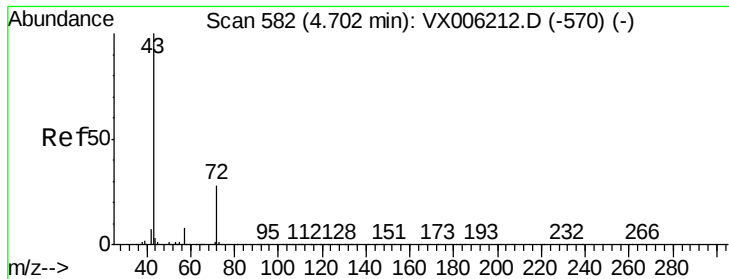
Tgt Ion: 43 Resp: 123208
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 1.092 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 63 Resp: 18763
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.8 11.4
 100 3.1 2.5 7.4





#25

2-Butanone

Concen: 5.176 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

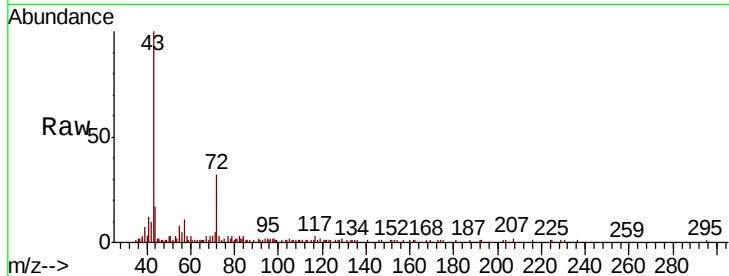
VSTDIC001

Tgt Ion: 43 Resp: 38096

Ion Ratio Lower Upper

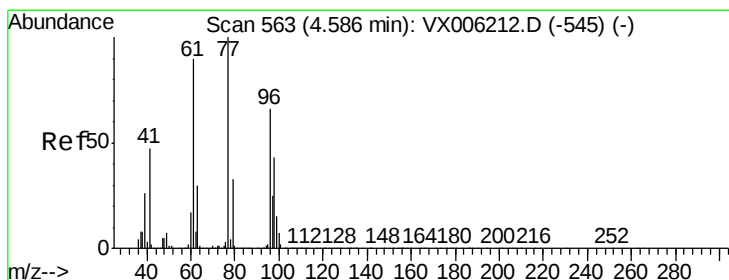
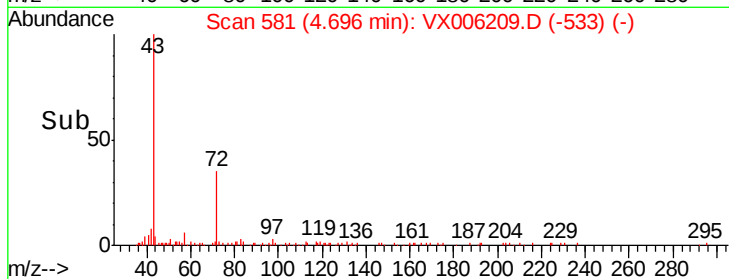
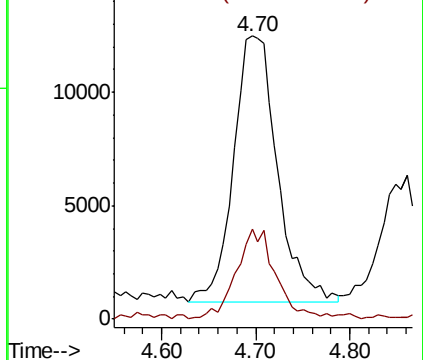
43 100

72 33.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.036 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006209.D

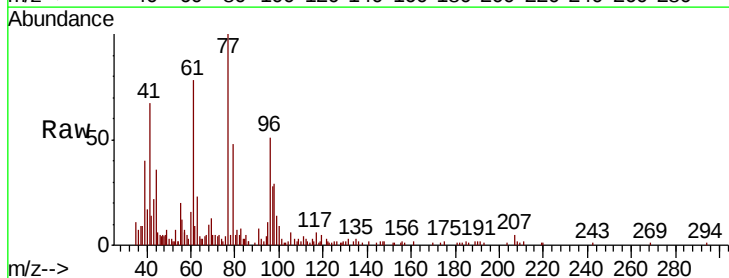
Acq: 29 Nov 2018 14:05

Tgt Ion: 77 Resp: 16422

Ion Ratio Lower Upper

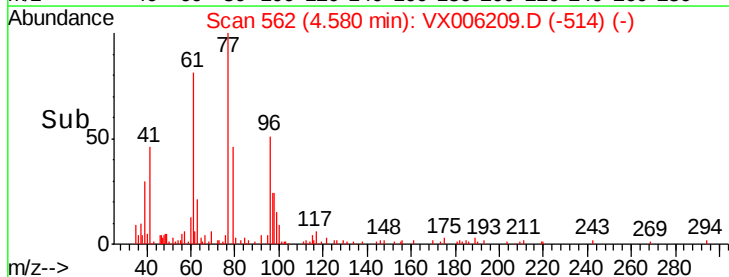
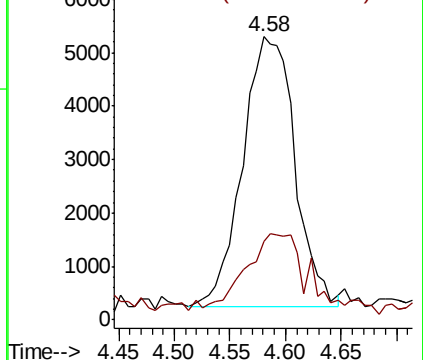
77 100

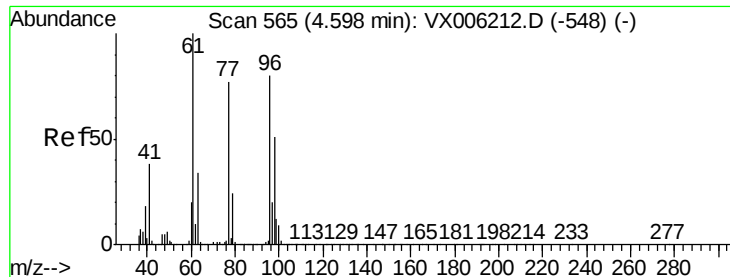
97 30.1 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



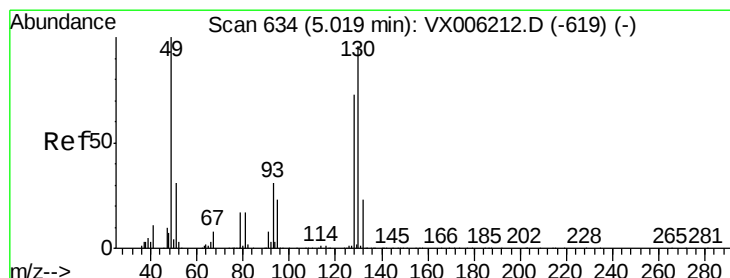
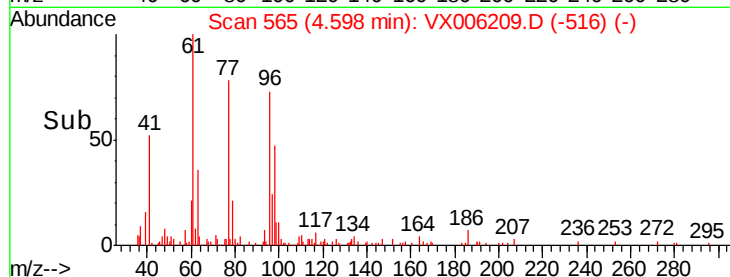
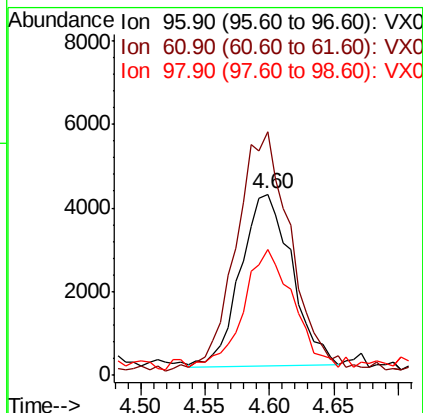
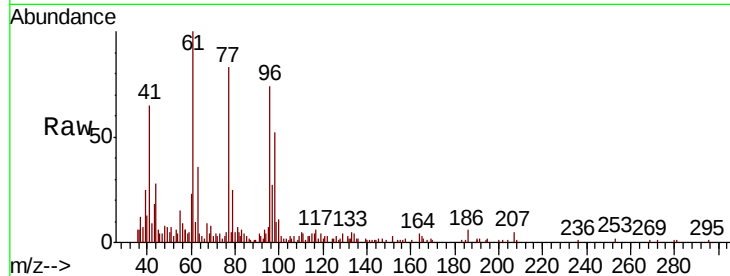


#27

cis-1,2-Dichloroethene
Concen: 0.980 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

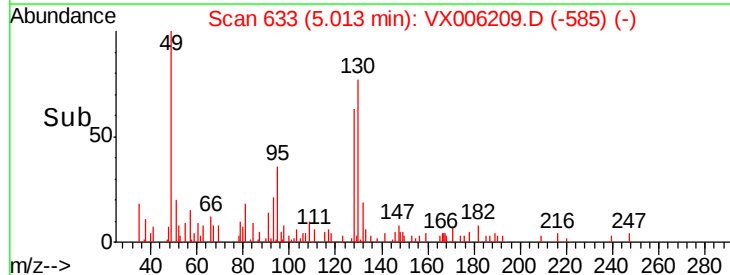
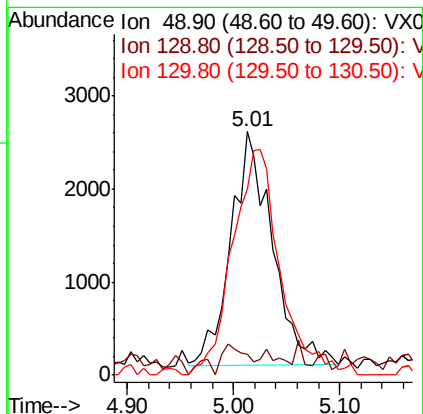
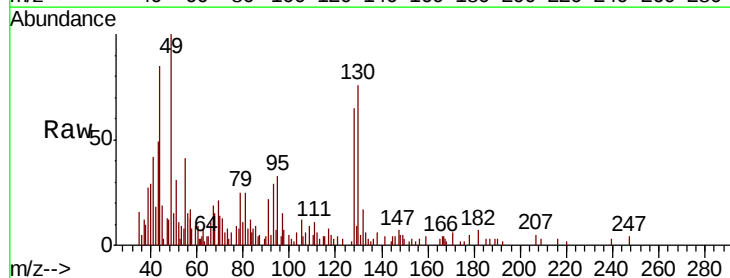
Tgt Ion: 96 Resp: 11350
Ion Ratio Lower Upper
96 100
61 149.8 0.0 265.0
98 65.6 0.0 130.2

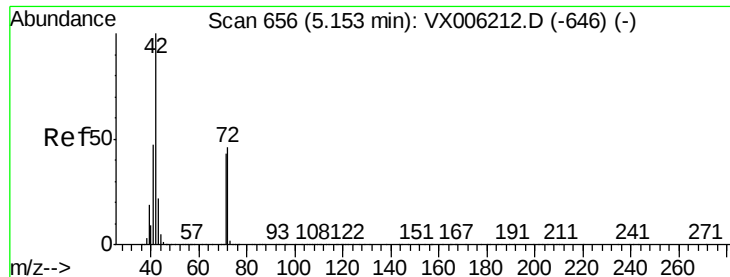


#28

Bromochloromethane
Concen: 0.915 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion: 49 Resp: 6864
Ion Ratio Lower Upper
49 100
129 4.1 0.0 5.0
130 110.8 78.3 117.5





#29

Tetrahydrofuran

Concen: 5.093 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

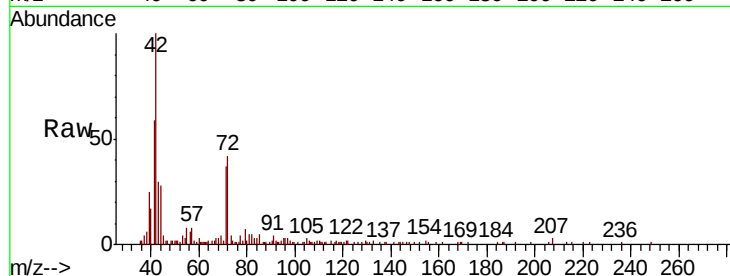
Tgt Ion: 42 Resp: 26049

Ion Ratio Lower Upper

42 100

72 50.9 37.8 56.8

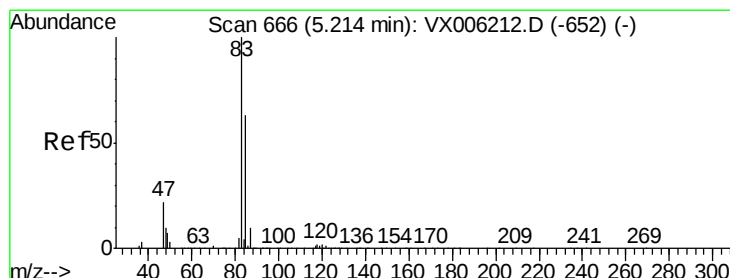
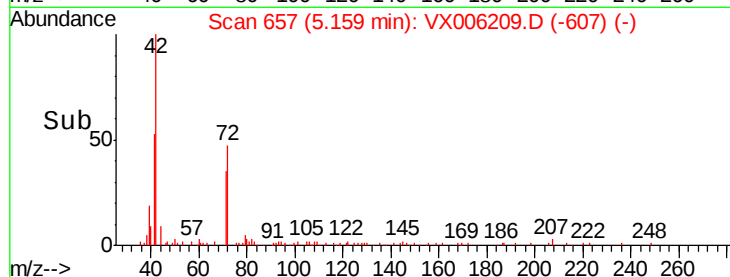
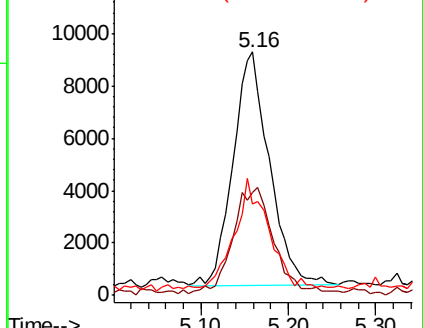
71 45.9 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.037 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006209.D

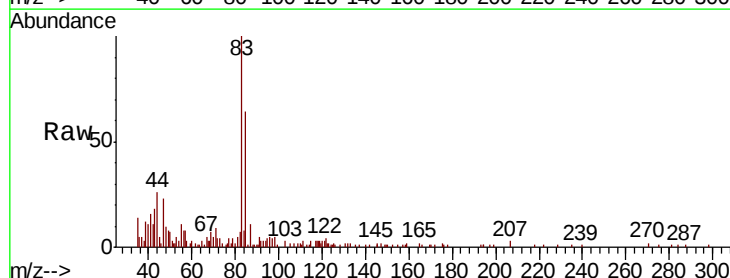
Acq: 29 Nov 2018 14:05

Tgt Ion: 83 Resp: 18730

Ion Ratio Lower Upper

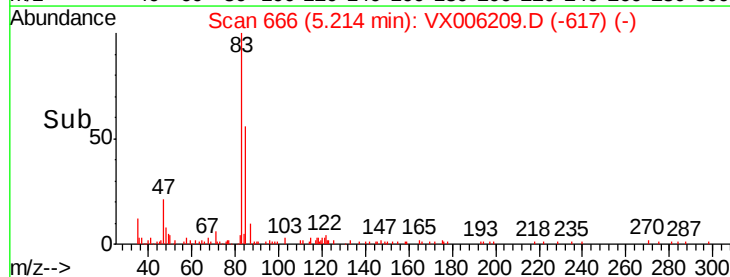
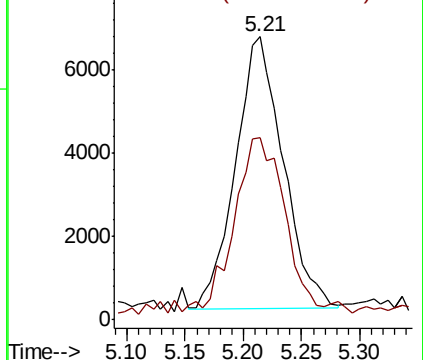
83 100

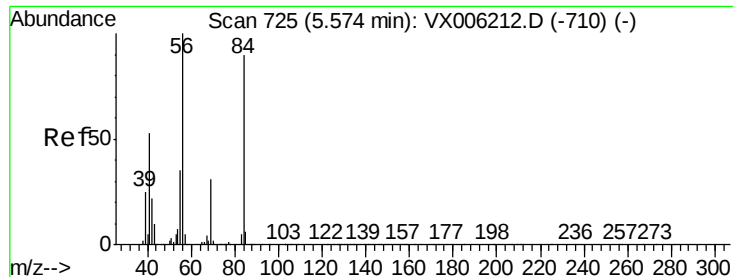
85 61.5 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.038 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

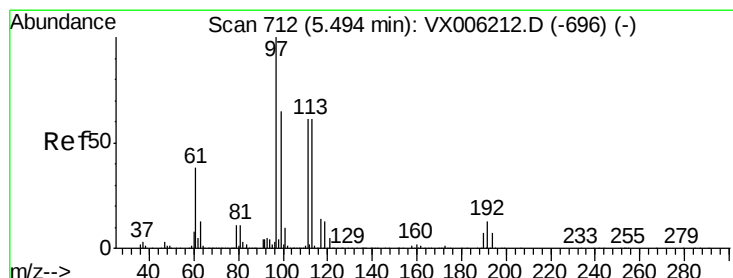
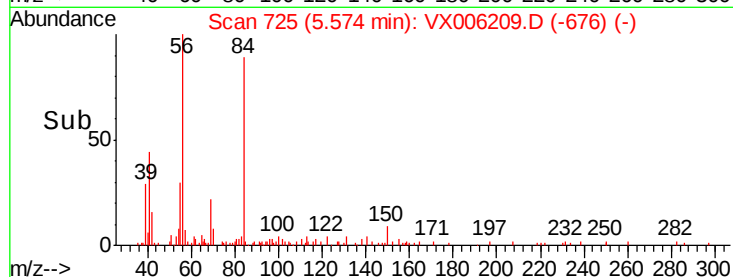
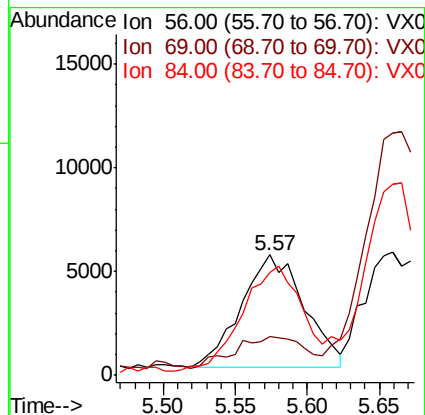
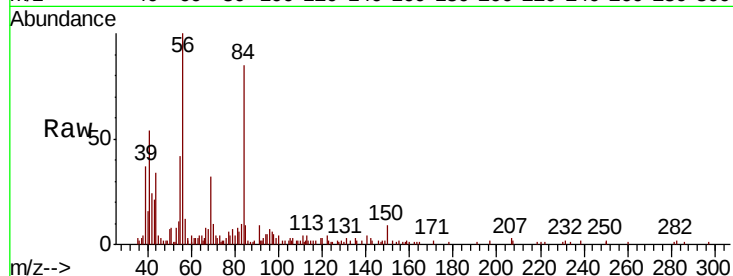
Tgt Ion: 56 Resp: 16481

Ion Ratio Lower Upper

56 100

69 27.8 24.5 36.7

84 84.0 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 1.075 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

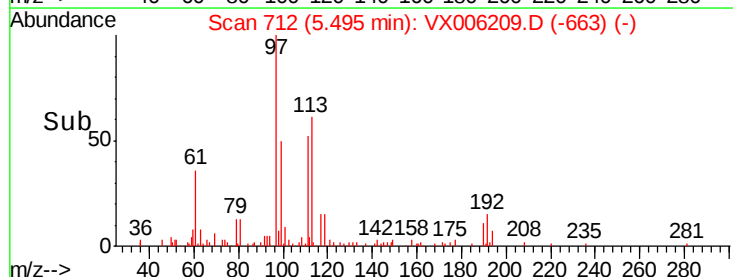
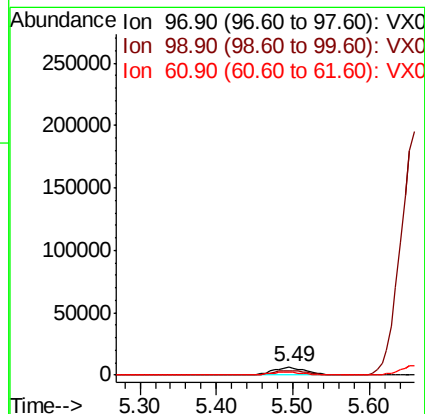
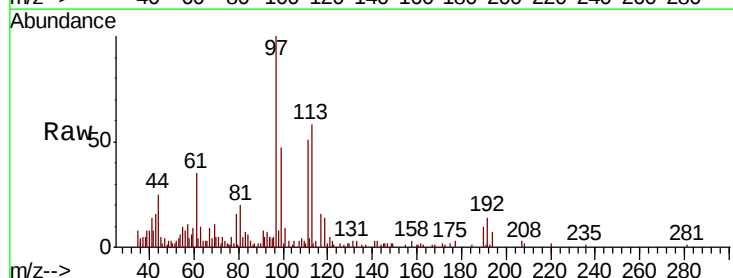
Tgt Ion: 97 Resp: 18470

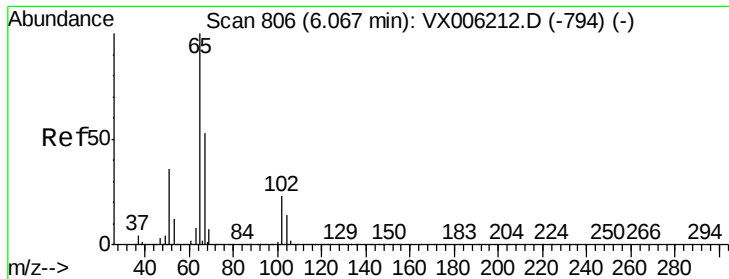
Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

61 36.3 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 1.260 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

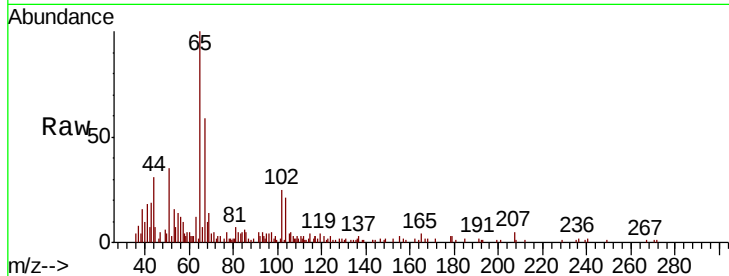
VSTDIC001

Tgt Ion: 65 Resp: 13844

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2

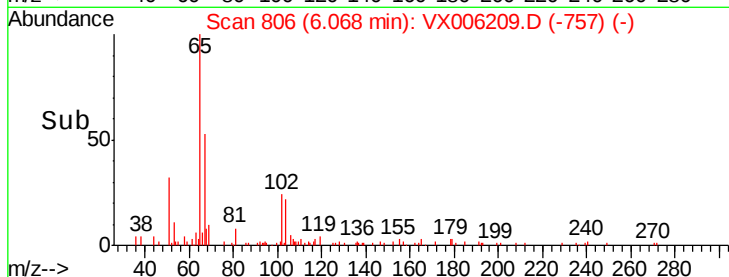


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

6.10

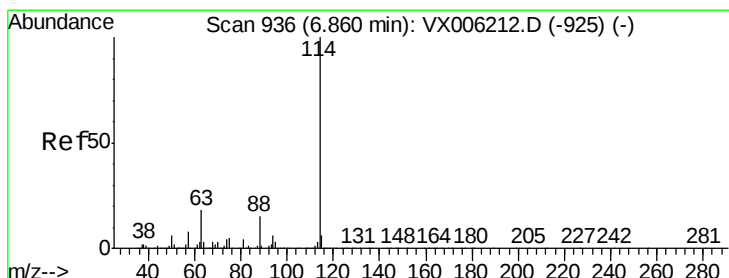


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

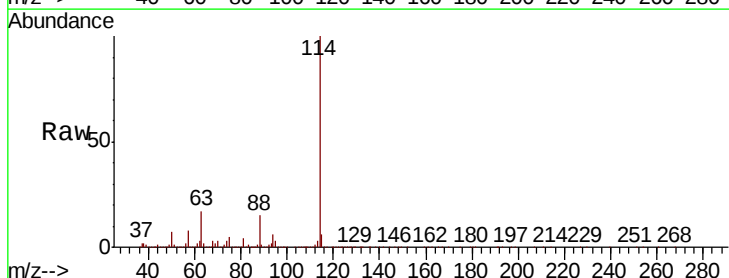
Tgt Ion: 114 Resp: 1571513

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.9 0.0 29.0



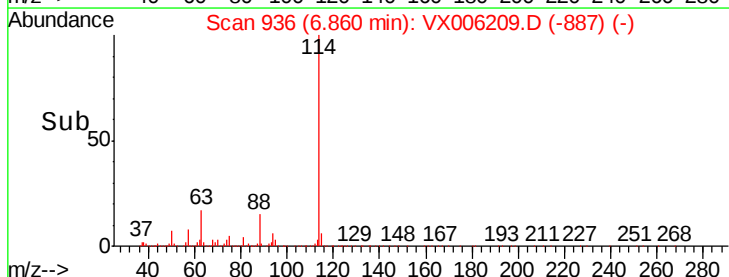
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

6.90



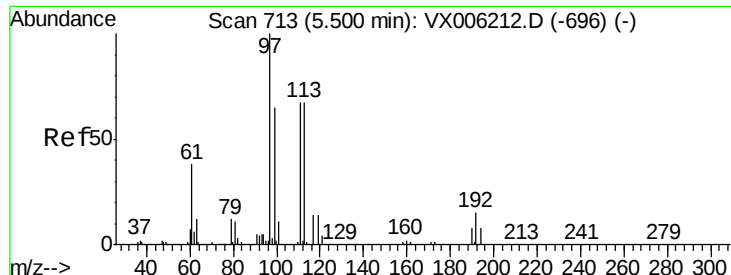
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

6.90



#35

Dibromofluoromethane

Concen: 1.213 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

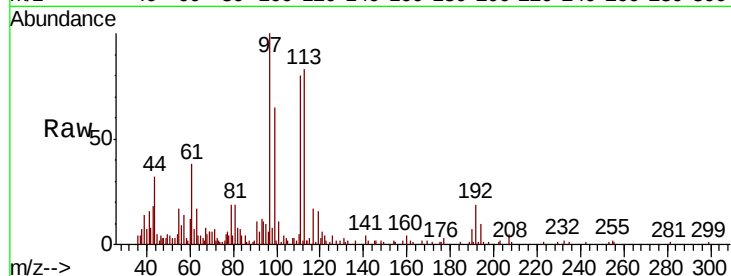
Tgt Ion: 113 Resp: 12342

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

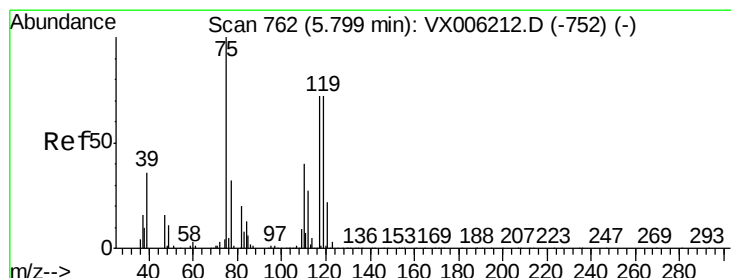
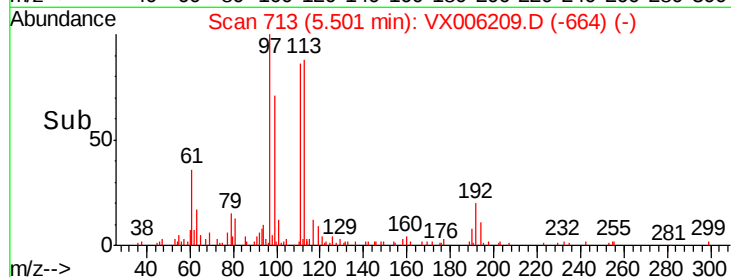
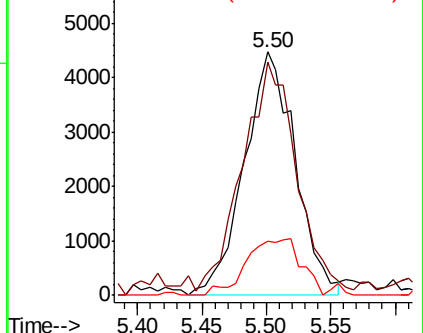
192 25.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.061 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

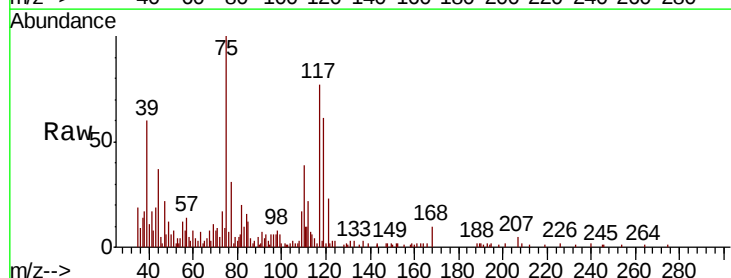
Tgt Ion: 75 Resp: 14035

Ion Ratio Lower Upper

75 100

110 38.4 20.4 61.3

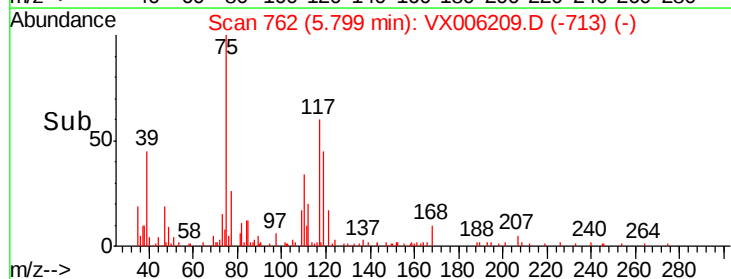
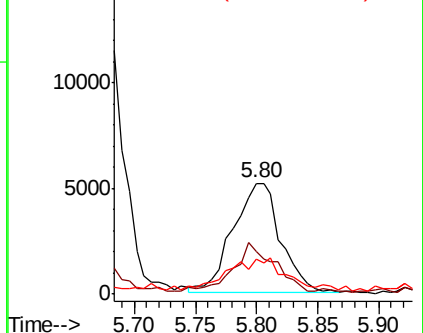
77 33.0 24.9 37.3

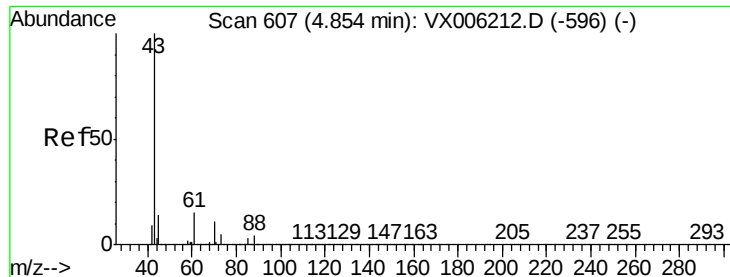


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

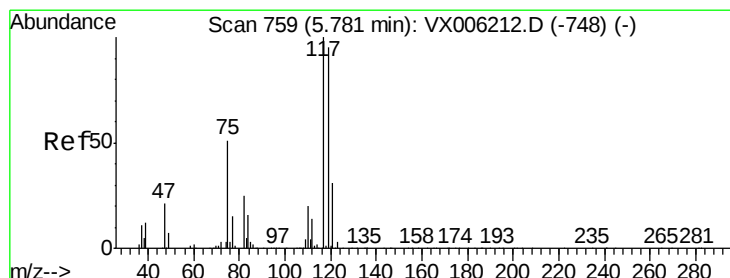
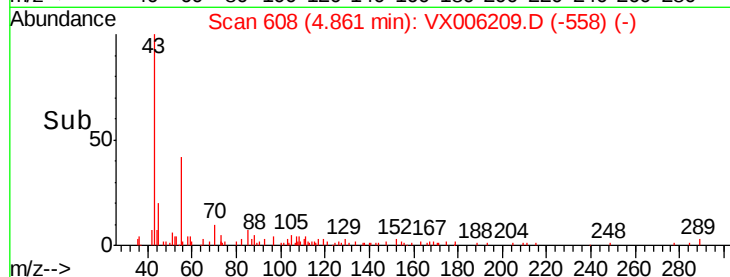
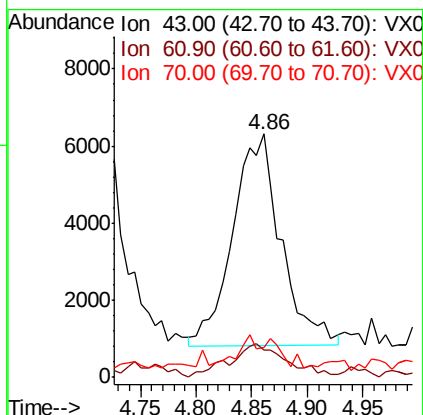
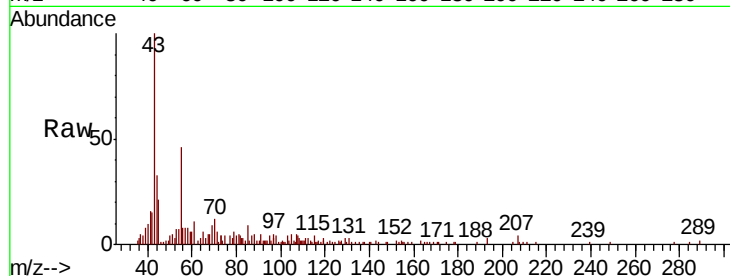




#37
Ethyl Acetate
Concen: 1.112 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

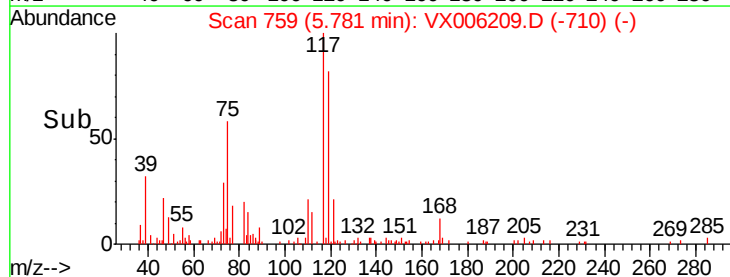
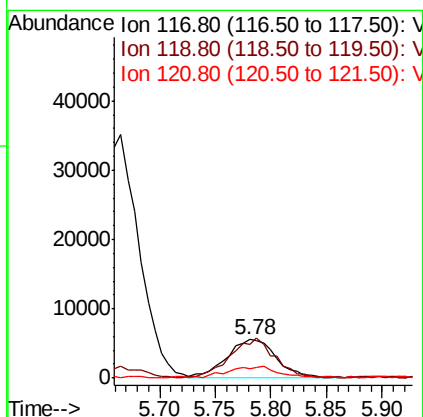
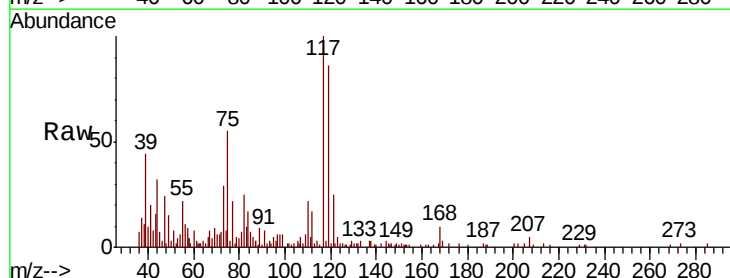
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 16479
Ion Ratio Lower Upper
43 100
61 19.0 11.5 17.3#
70 4.9 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 1.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion: 117 Resp: 16552
Ion Ratio Lower Upper
117 100
119 84.0 75.8 113.8
121 23.7 24.6 37.0#

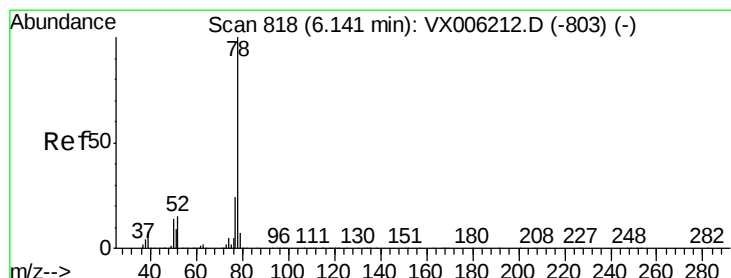
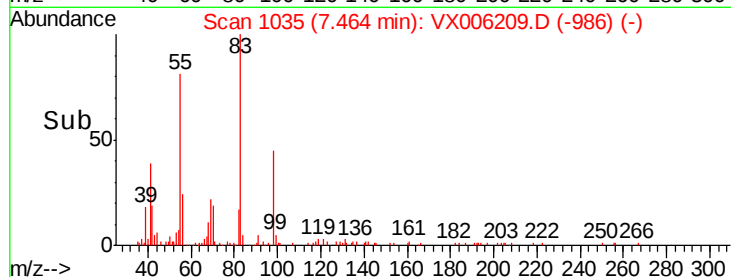
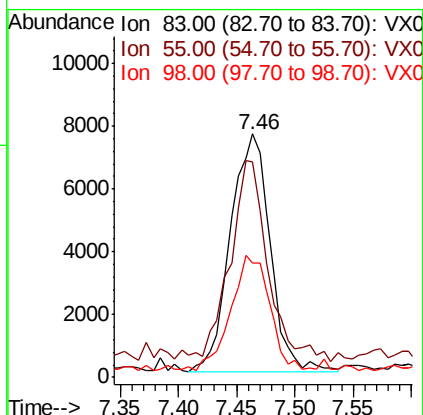
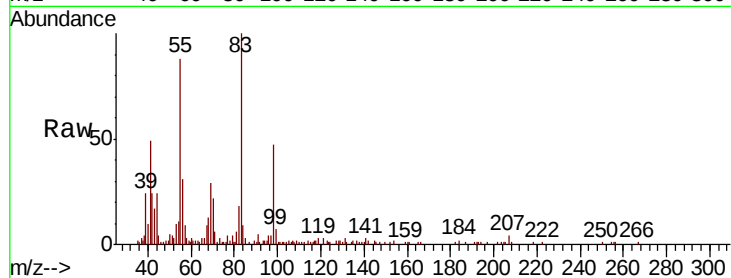




#39
Methylcyclohexane
Concen: 1.056 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

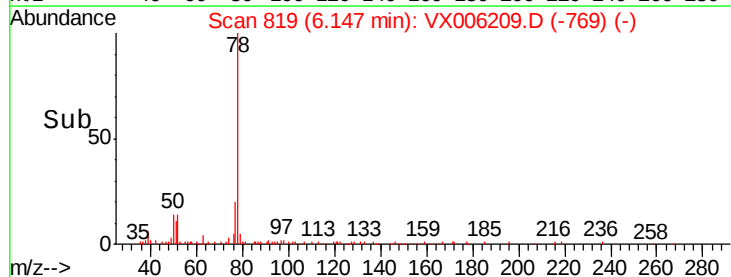
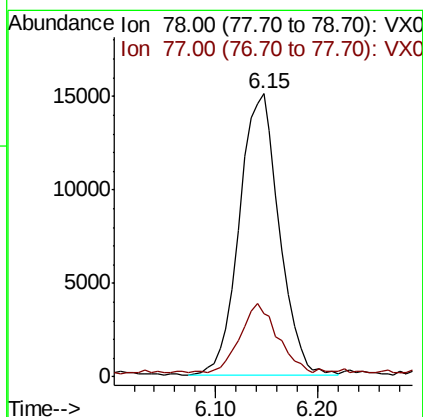
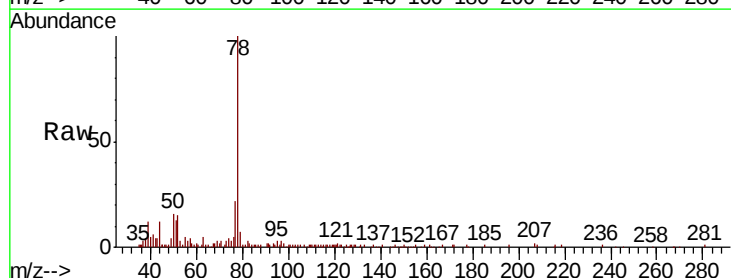
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

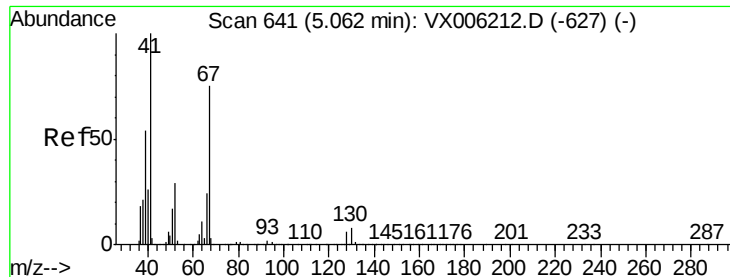
Tgt Ion: 83 Resp: 18137
Ion Ratio Lower Upper
83 100
55 81.0 56.4 84.6
98 44.8 39.0 58.6



#40
Benzene
Concen: 1.030 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion: 78 Resp: 40841
Ion Ratio Lower Upper
78 100
77 20.7 19.2 28.8

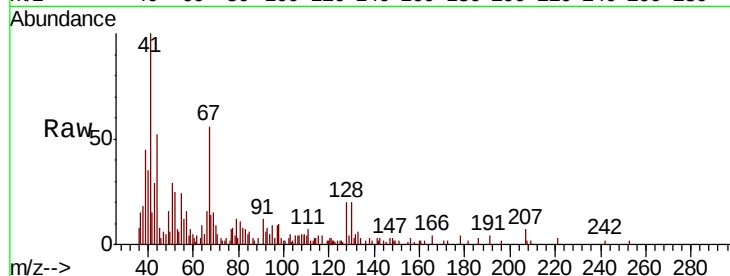




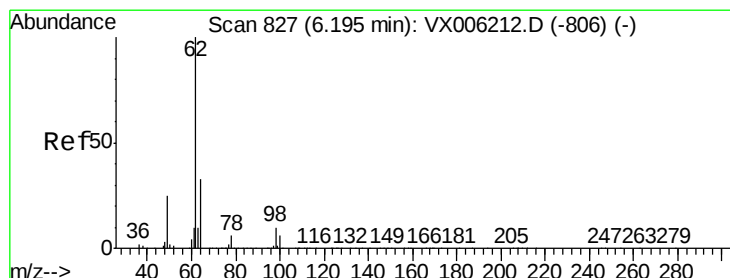
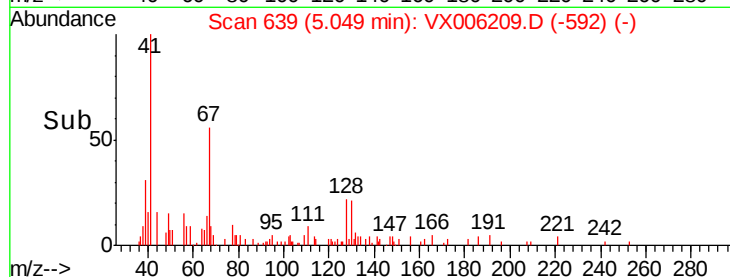
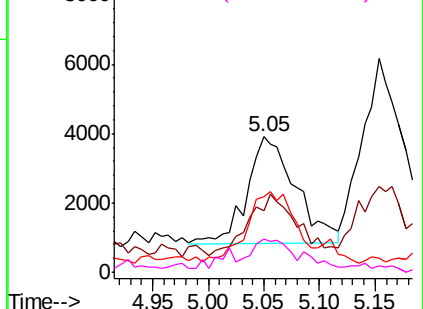
#41
Methacrylonitrile
Concen: 1.155 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	41	Resp:	9419
Ion	Ratio	Lower	Upper
41	100		
39	58.1	44.0	66.0
67	66.9	61.4	92.0
52	25.1	23.5	35.3

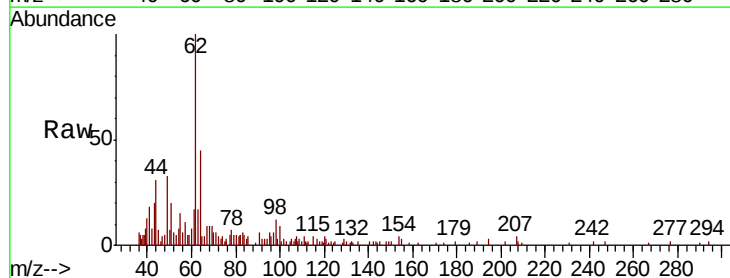


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

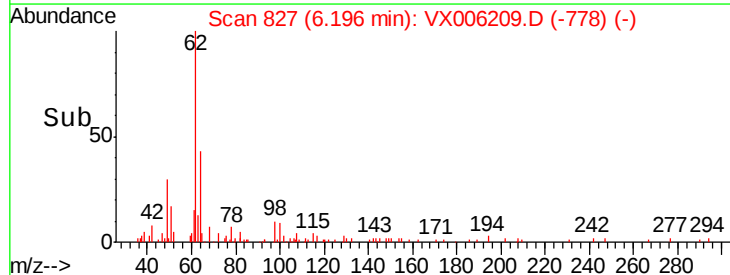
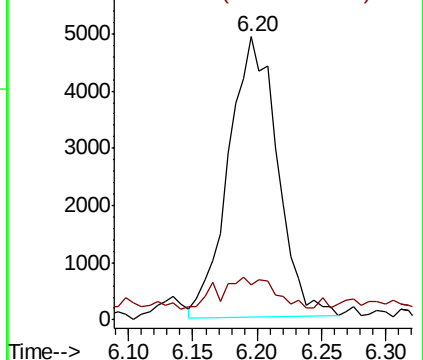


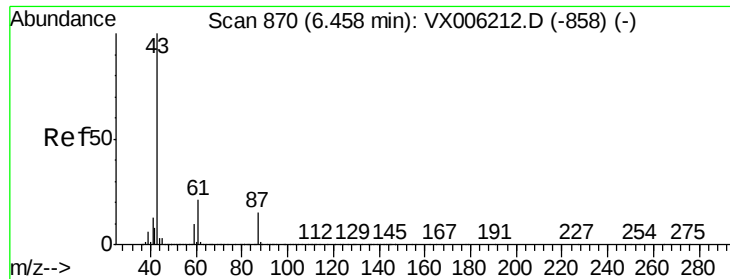
#42
1,2-Dichloroethane
Concen: 0.997 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion:	62	Resp:	12932
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 1.077 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

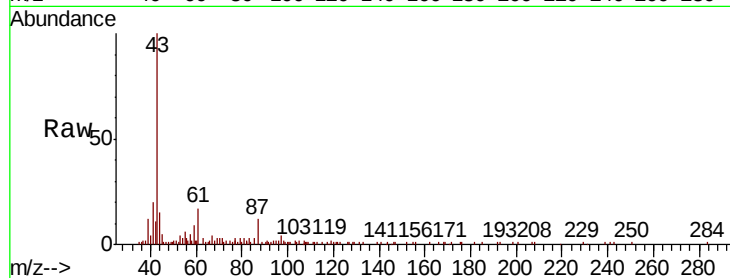
Tgt Ion: 43 Resp: 26611

Ion Ratio Lower Upper

43 100

61 23.1 16.8 25.2

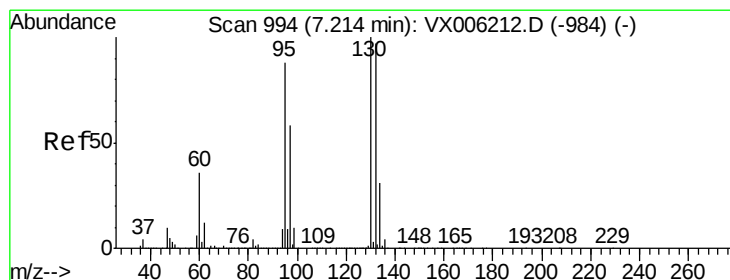
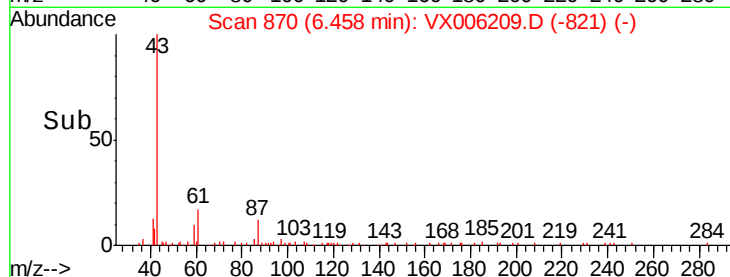
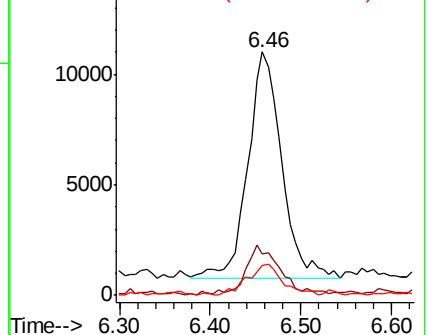
87 14.2 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.033 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006209.D

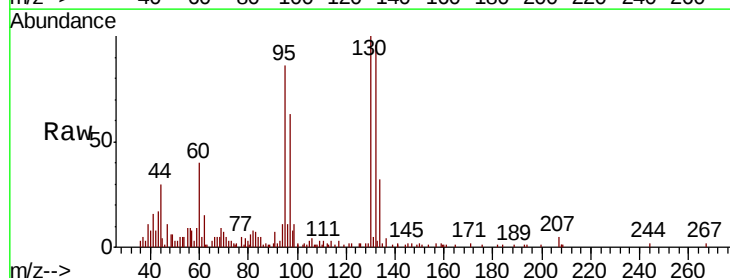
Acq: 29 Nov 2018 14:05

Tgt Ion: 130 Resp: 12405

Ion Ratio Lower Upper

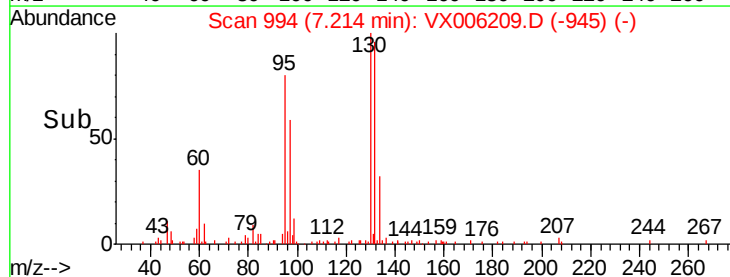
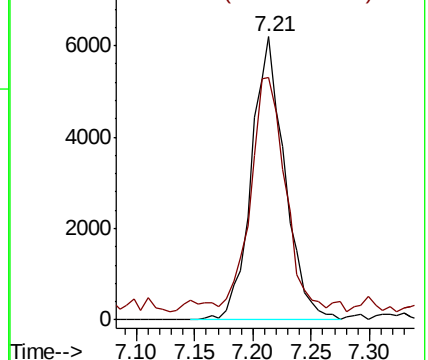
130 100

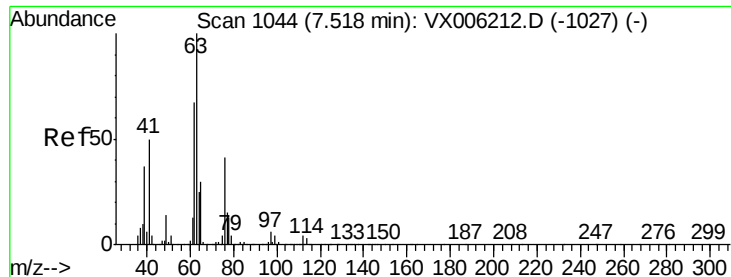
95 79.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

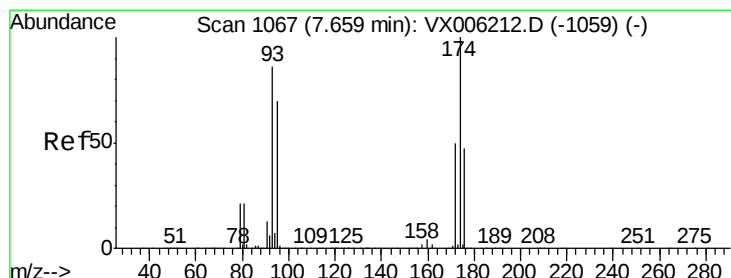
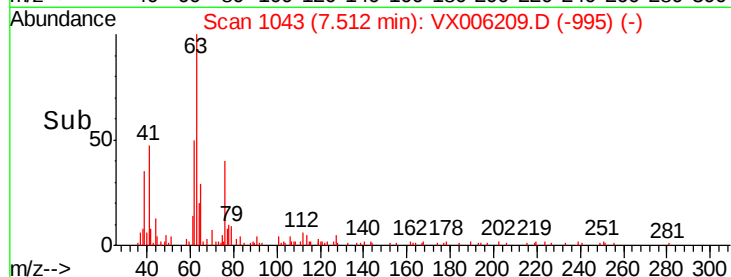
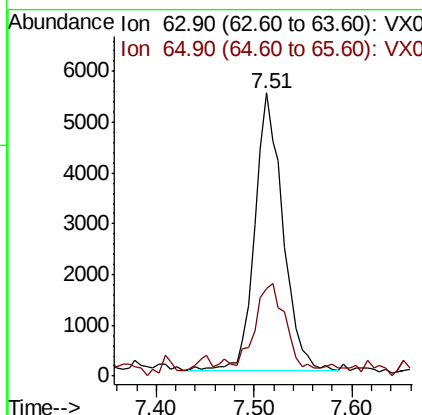
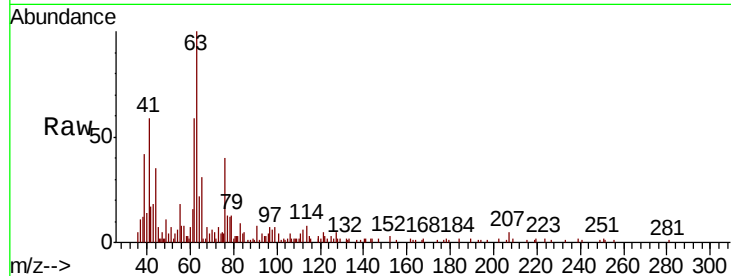




#45
 1,2-Dichloropropane
 Concen: 1.090 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

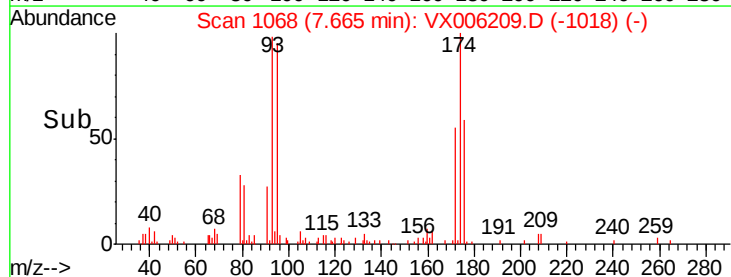
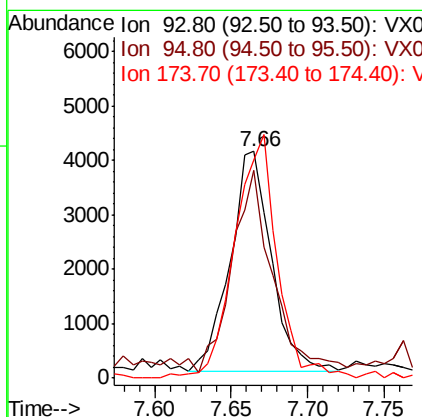
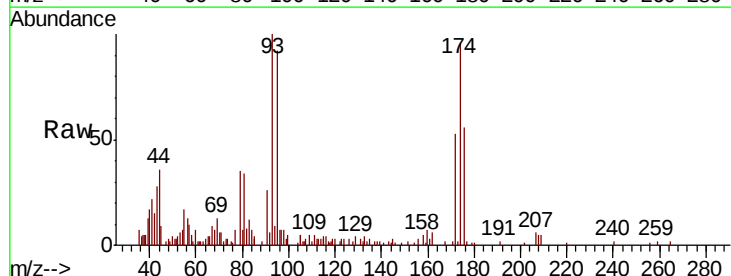
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

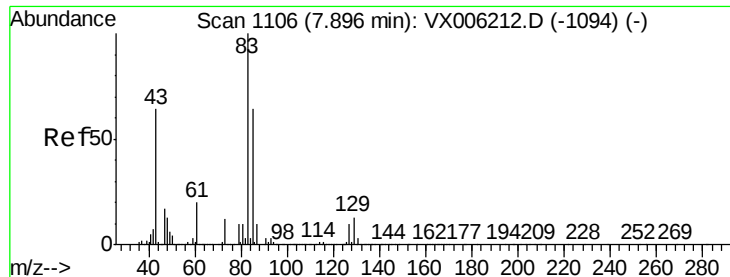
Tgt Ion: 63 Resp: 10979
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.3 36.5



#46
 Dibromomethane
 Concen: 1.040 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 93 Resp: 7565
 Ion Ratio Lower Upper
 93 100
 95 90.9 66.2 99.4
 174 114.4 97.2 145.8





#47

Bromodichloromethane

Concen: 1.019 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

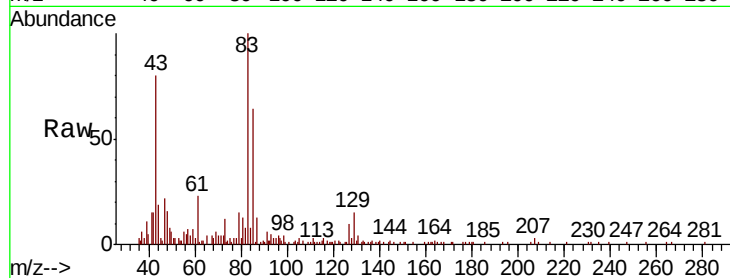
Tgt Ion: 83 Resp: 14350

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

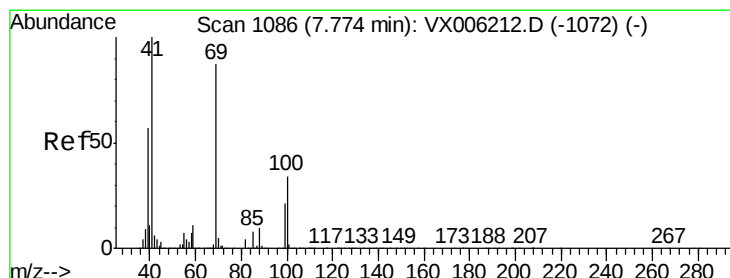
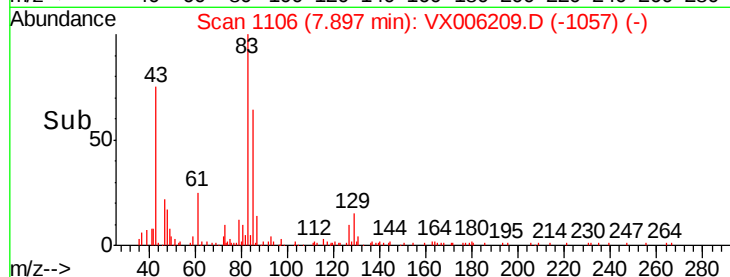
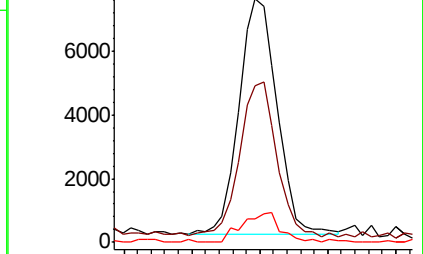
127 9.2 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.027 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

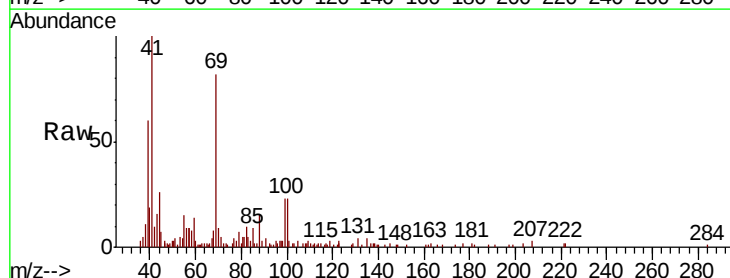
Tgt Ion: 41 Resp: 12346

Ion Ratio Lower Upper

41 100

69 85.7 70.3 105.5

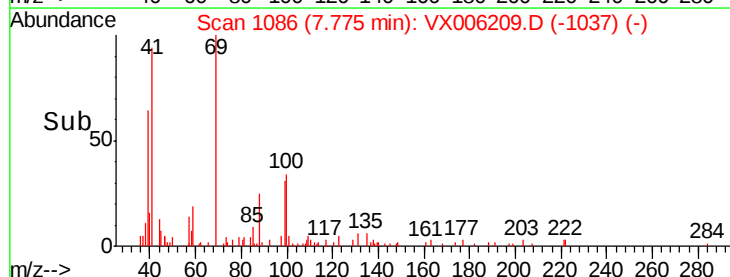
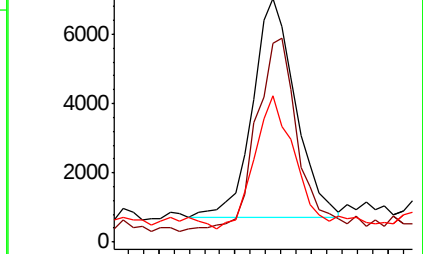
39 55.7 45.3 67.9

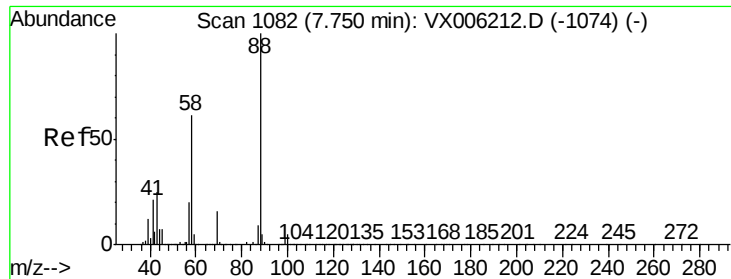


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 21.987 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

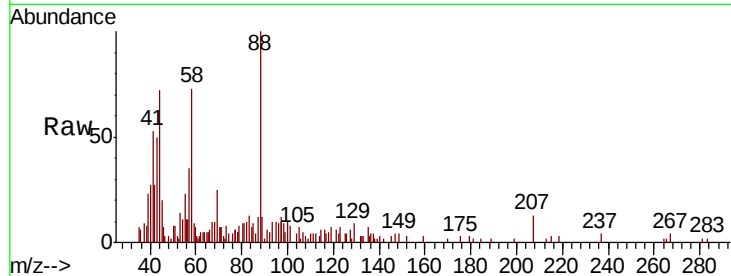
Tgt Ion: 88 Resp: 6514

Ion Ratio Lower Upper

88 100

43 37.0 23.2 34.8#

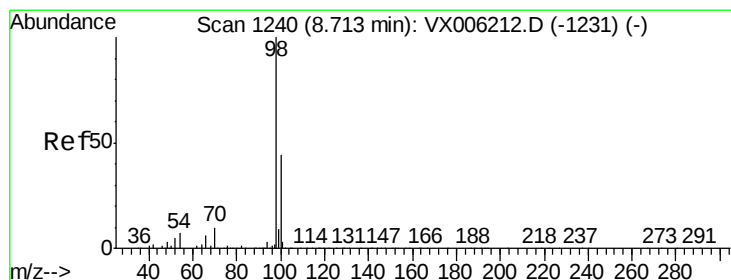
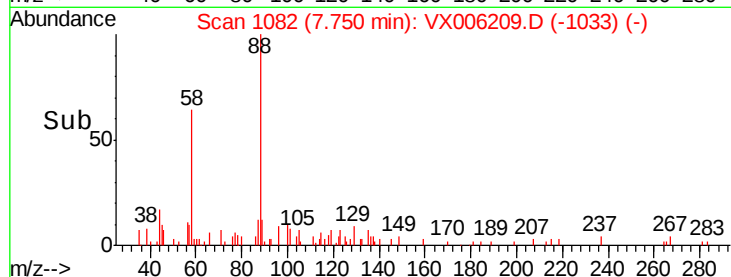
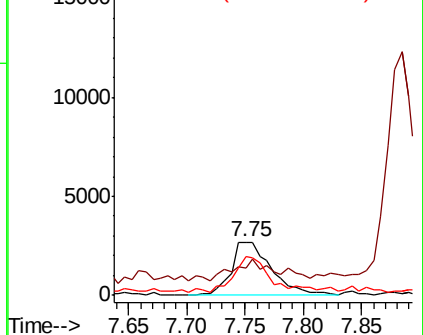
58 63.0 51.4 77.0



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: 1.256 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006209.D

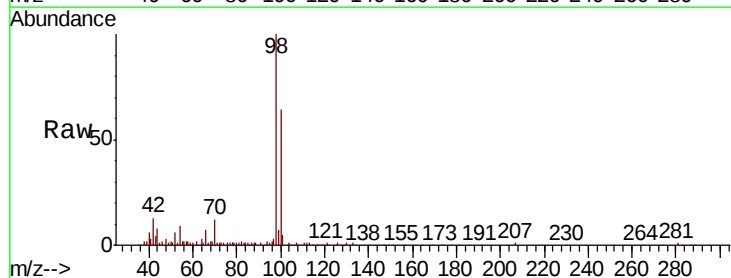
Acq: 29 Nov 2018 14:05

Tgt Ion: 98 Resp: 46478

Ion Ratio Lower Upper

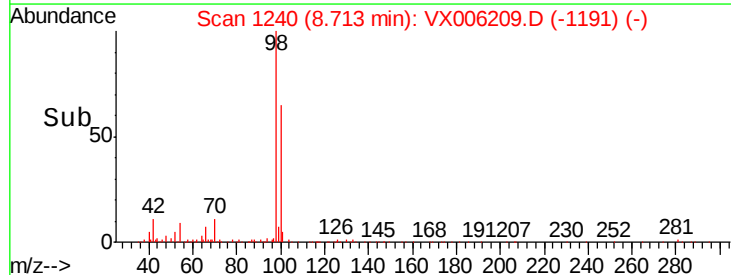
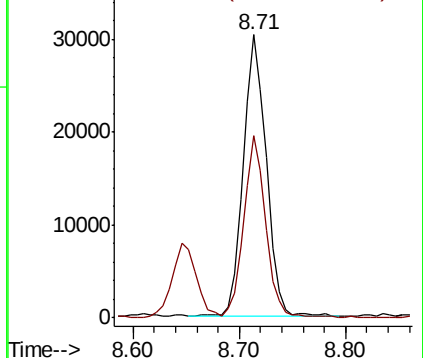
98 100

100 60.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

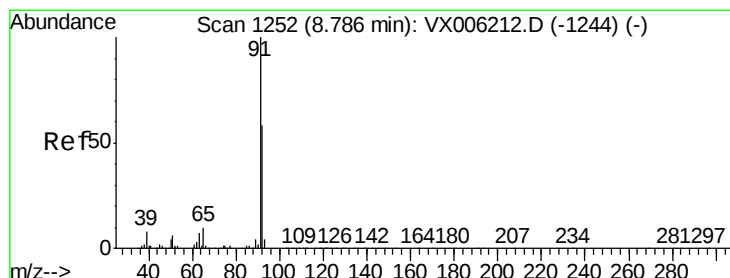
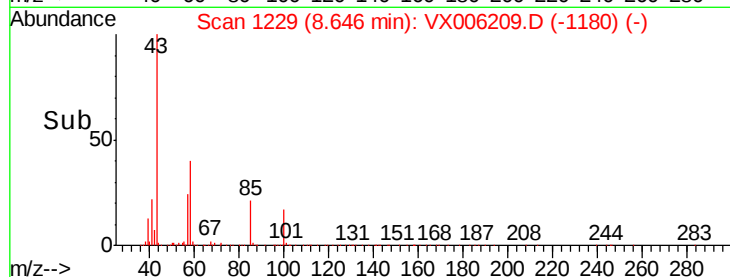
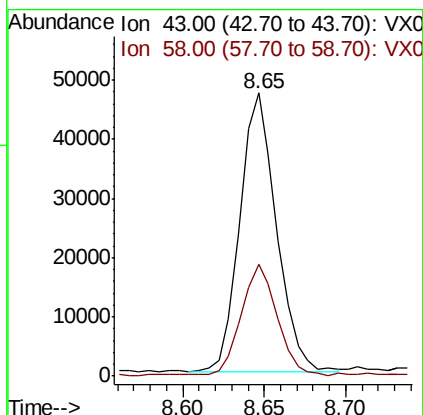
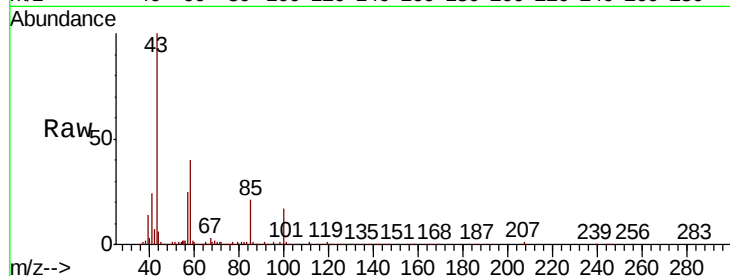




#51
 4-Methyl-2-Pentanone
 Concen: 5.112 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

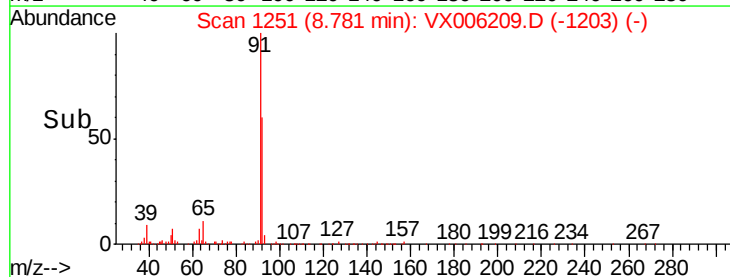
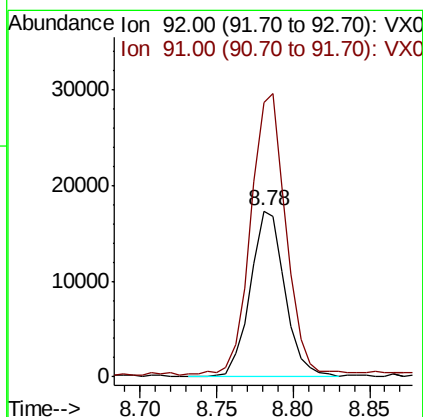
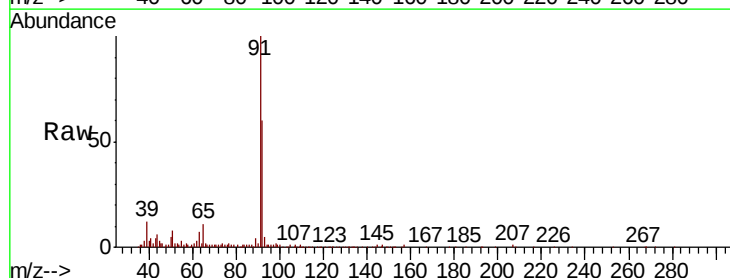
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

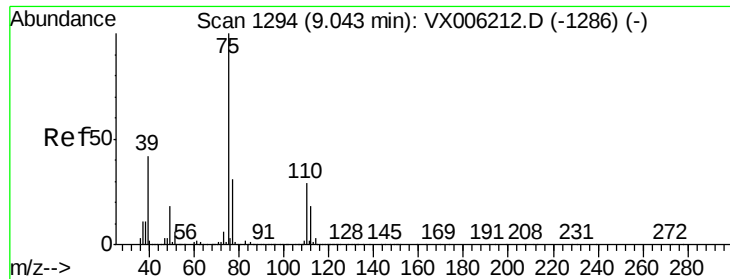
Tgt Ion: 43 Resp: 73539
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.3 46.9



#52
 Toluene
 Concen: 1.045 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 92 Resp: 27255
 Ion Ratio Lower Upper
 92 100
 91 171.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 1.015 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampled :

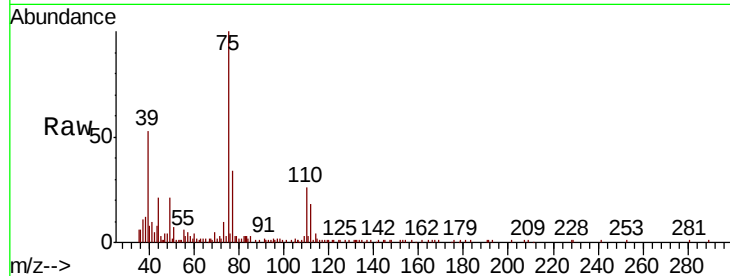
VSTDIC001

Tgt Ion: 75 Resp: 16727

Ion Ratio Lower Upper

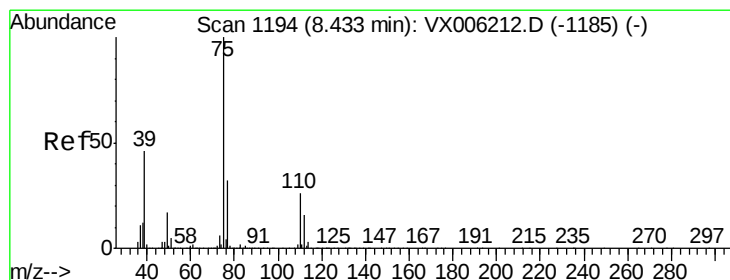
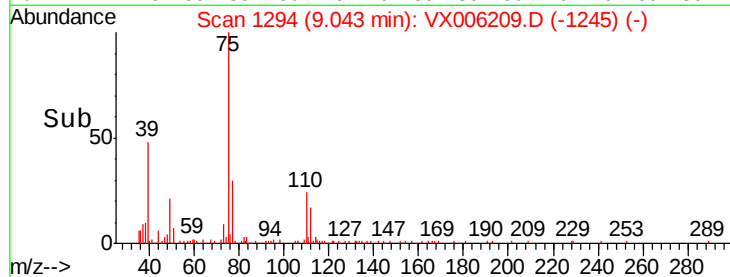
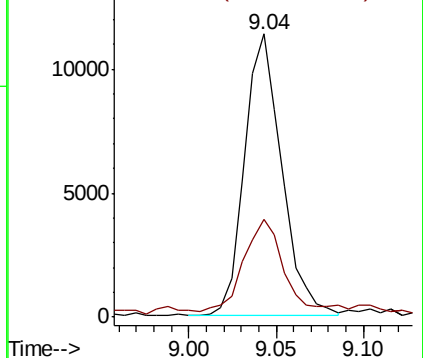
75 100

77 32.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 1.041 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

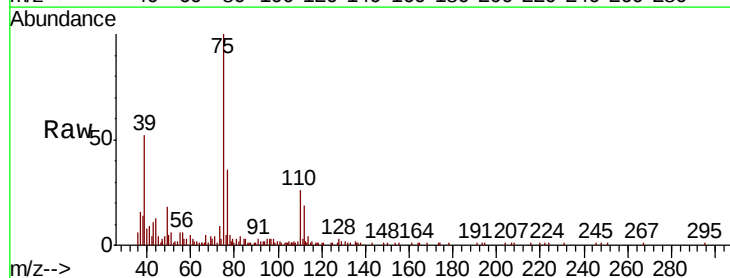
Tgt Ion: 75 Resp: 17811

Ion Ratio Lower Upper

75 100

77 34.6 25.6 38.4

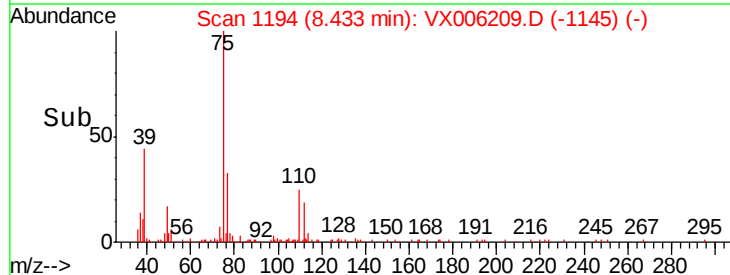
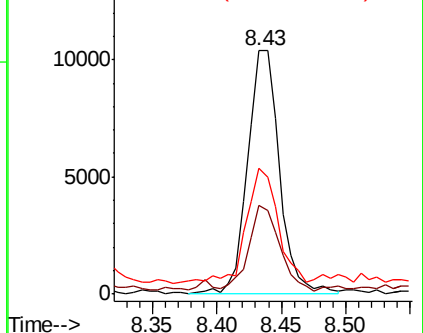
39 45.9 36.5 54.7

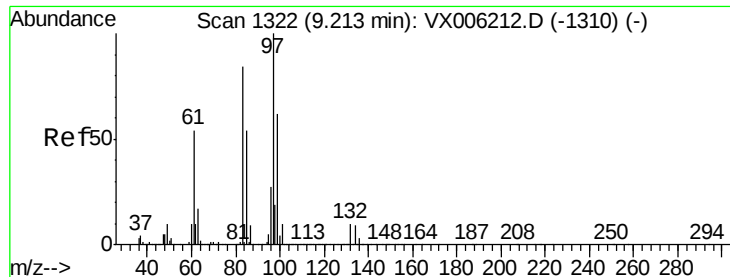


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 1.023 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 10842

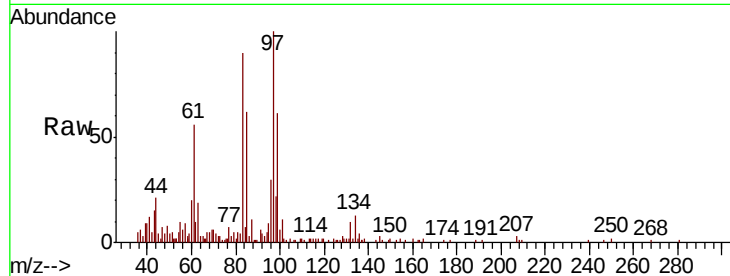
Ion Ratio Lower Upper

97 100

83 89.4 67.1 100.7

85 58.7 43.2 64.8

99 61.4 49.8 74.6

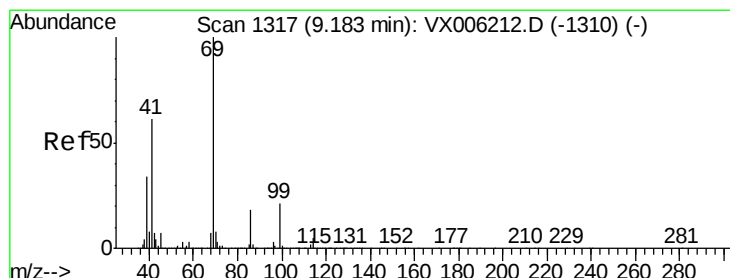
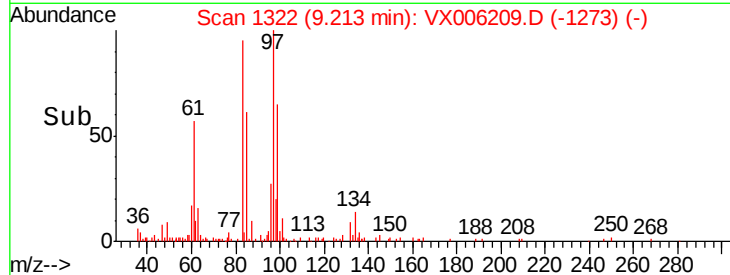
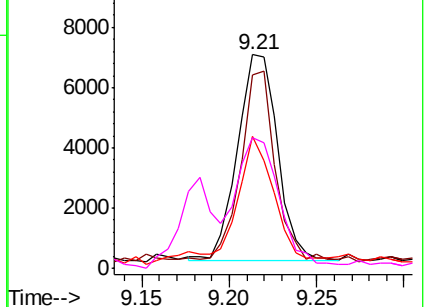


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.077 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

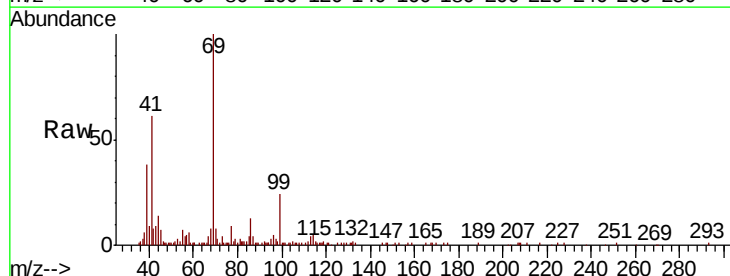
Tgt Ion: 69 Resp: 17840

Ion Ratio Lower Upper

69 100

41 59.0 50.6 76.0

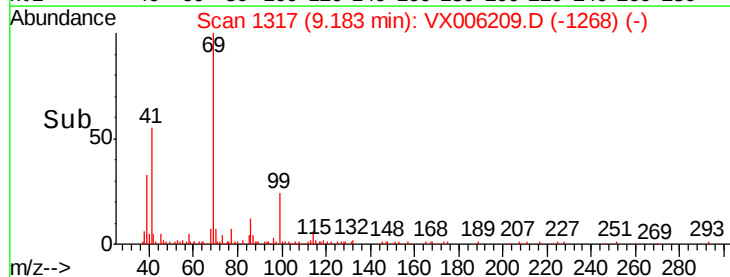
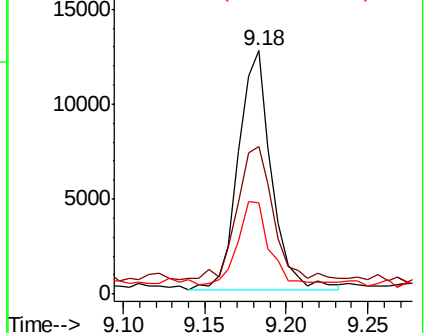
39 34.1 27.6 41.4

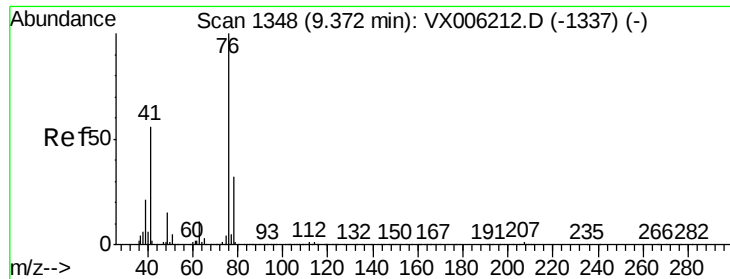


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

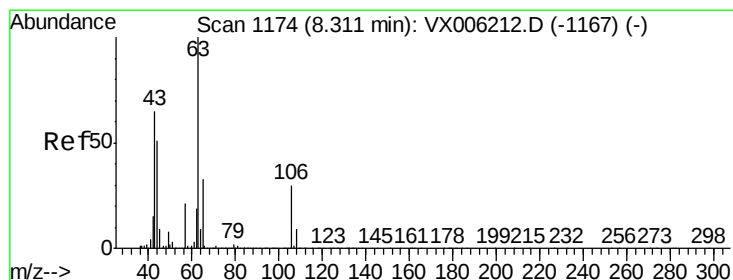
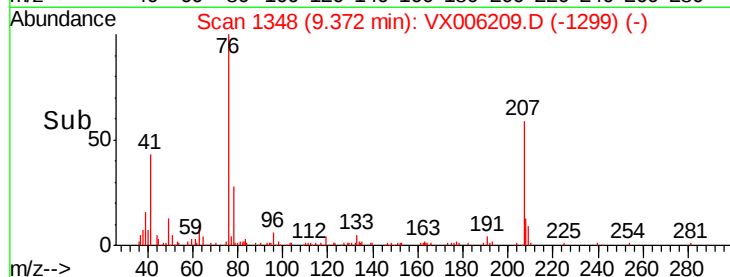
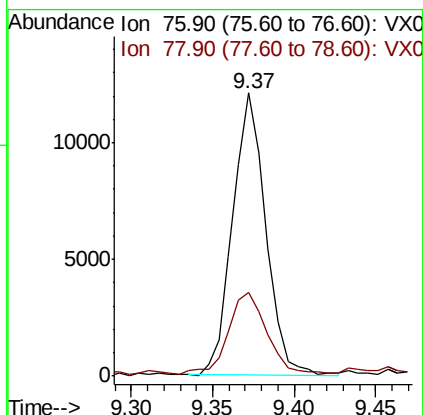
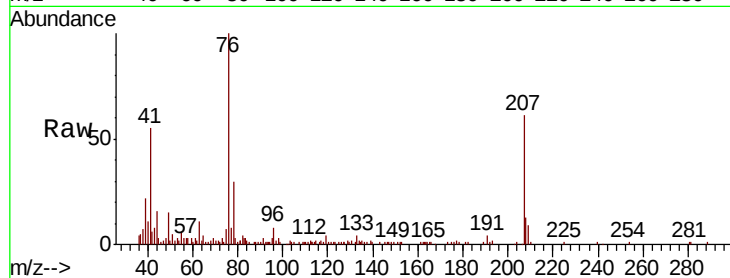




#57
 1,3-Dichloropropane
 Concen: 1.020 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

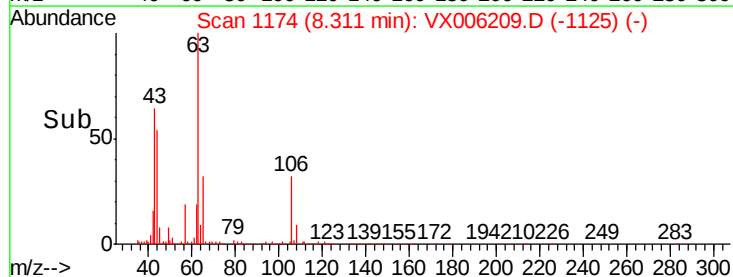
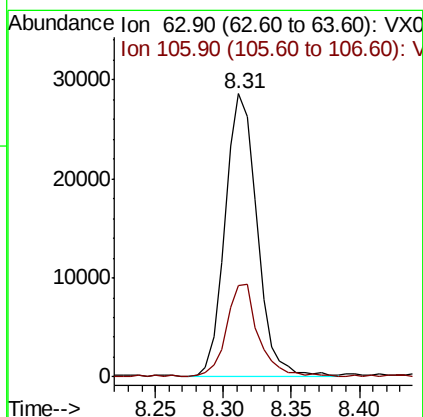
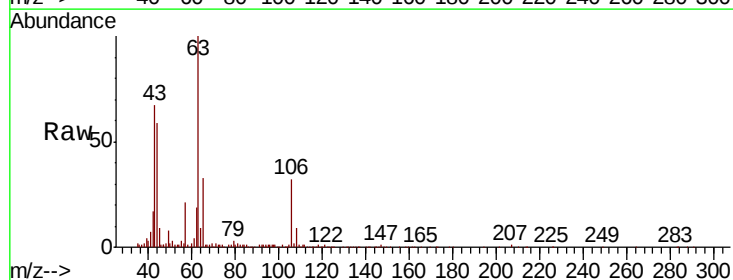
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

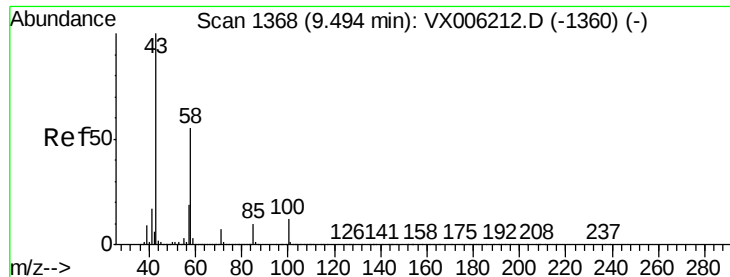
Tgt Ion: 76 Resp: 17088
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.524 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 63 Resp: 46425
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.9 37.3





#59

2-Hexanone

Concen: 4.999 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

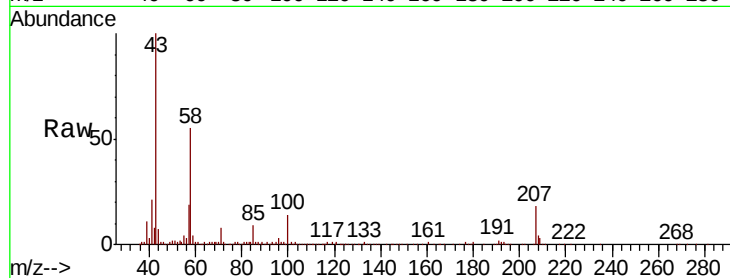
VSTDIC001

Tgt Ion: 43 Resp: 54934

Ion Ratio Lower Upper

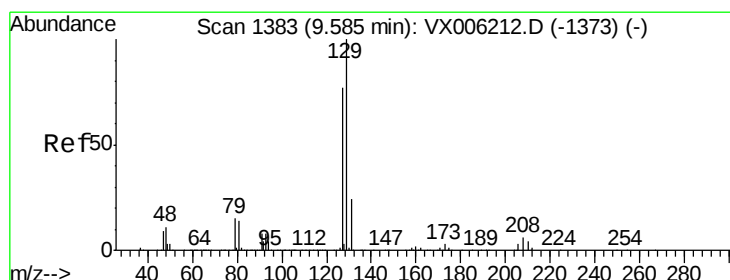
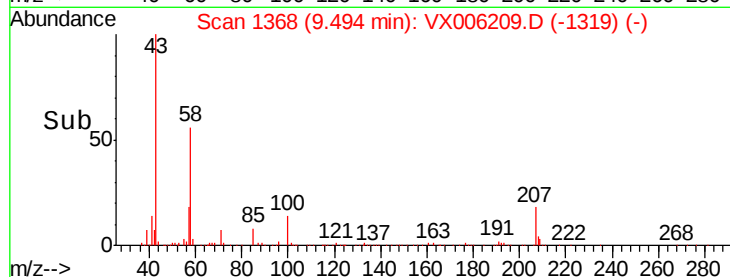
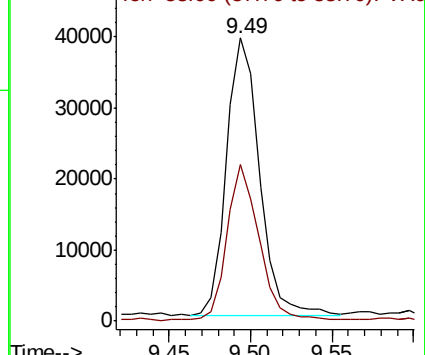
43 100

58 54.5 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VX006212.D (-1360) (-)



#60

Dibromochloromethane

Concen: 1.052 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006209.D

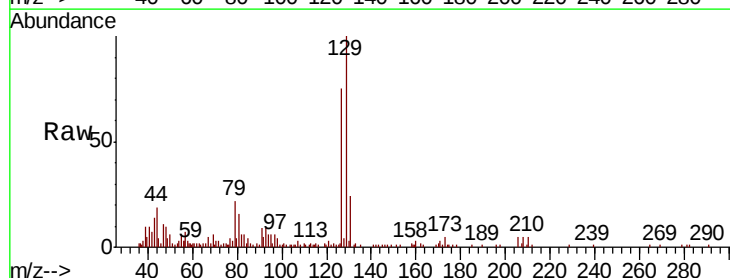
Acq: 29 Nov 2018 14:05

Tgt Ion: 129 Resp: 13738

Ion Ratio Lower Upper

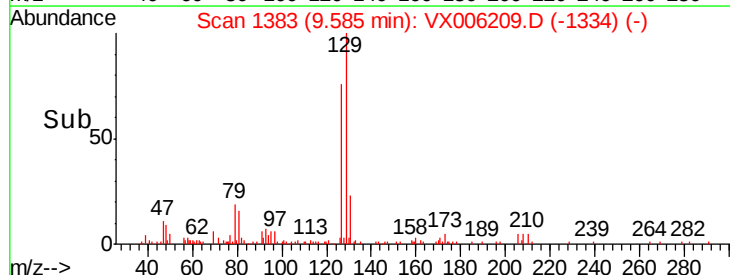
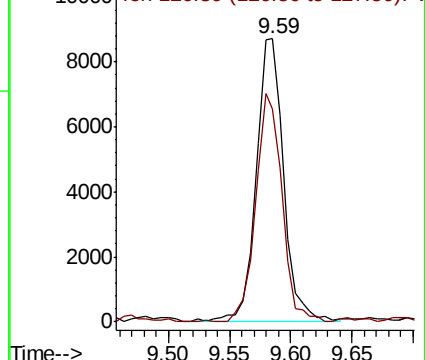
129 100

127 76.8 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VX006212.D (-1373) (-)

Ion 126.80 (126.50 to 127.50): VX006212.D (-1373) (-)





#61

1,2-Dibromoethane

Concen: 1.082 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

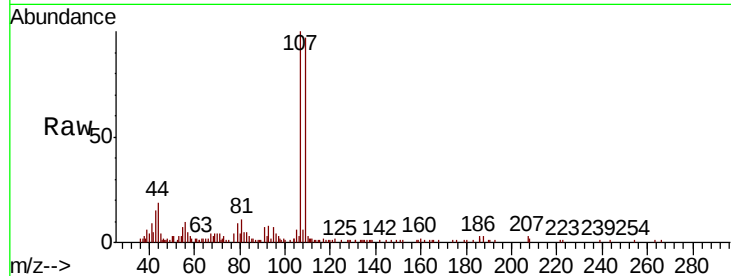
VSTDIC001

Tgt Ion: 107 Resp: 12819

Ion Ratio Lower Upper

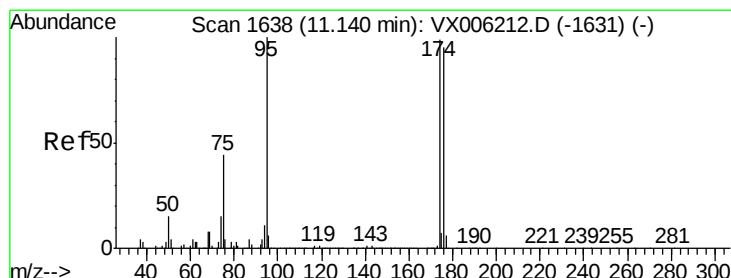
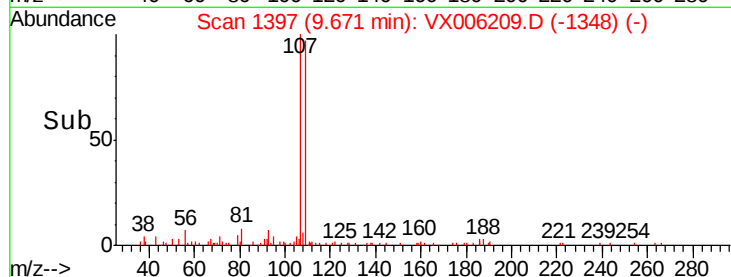
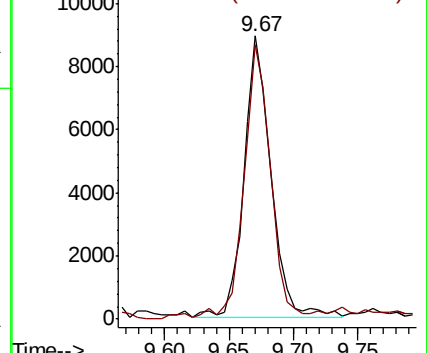
107 100

109 93.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.252 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

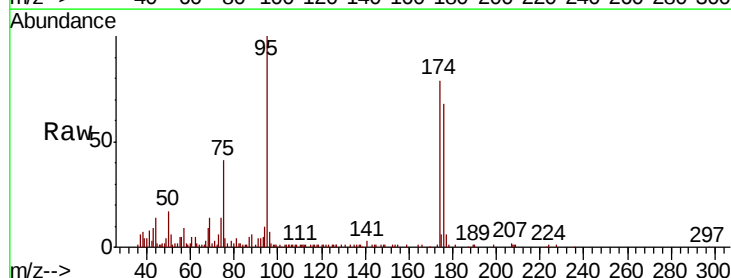
Tgt Ion: 95 Resp: 17459

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

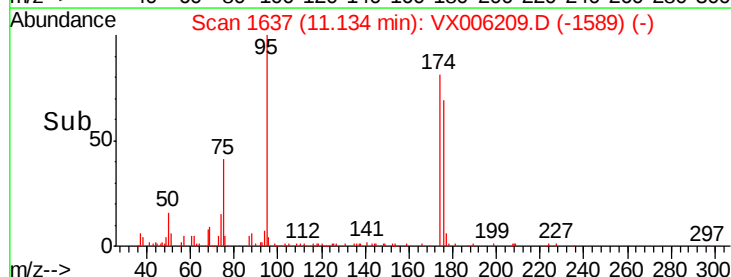
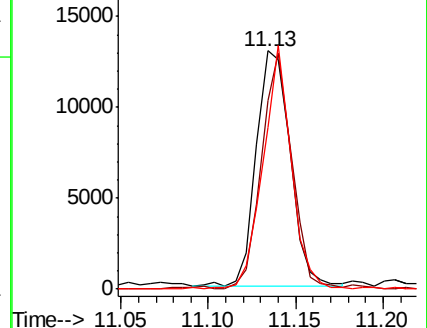
176 87.1 0.0 181.8



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

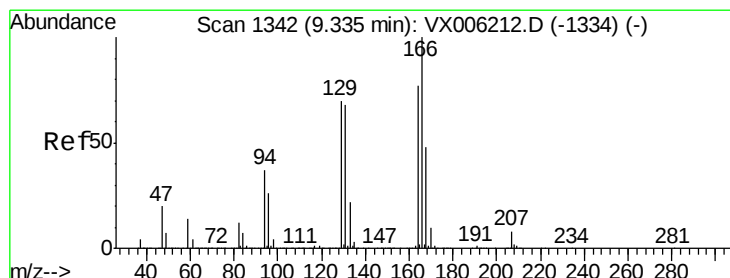
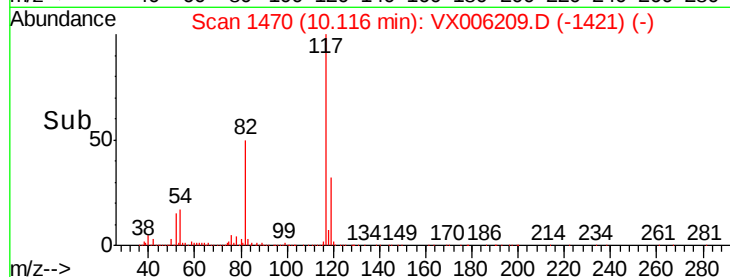
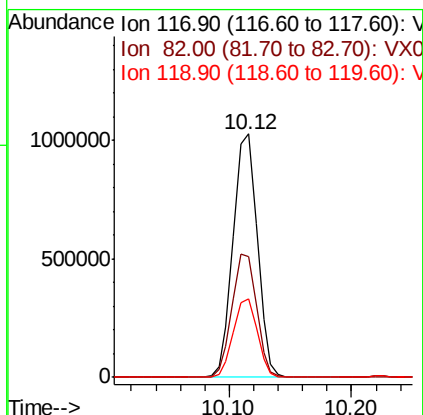
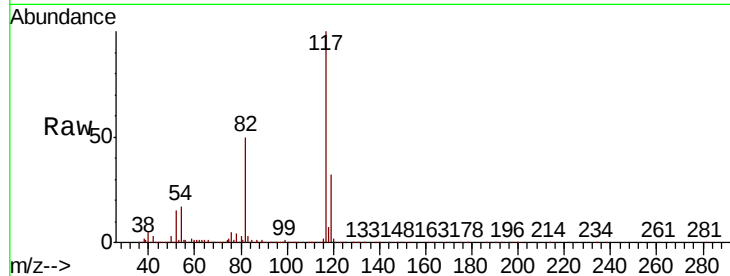




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

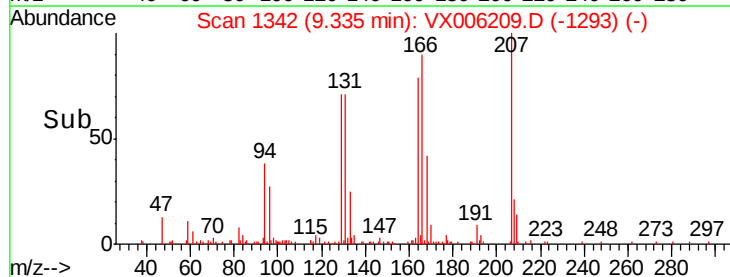
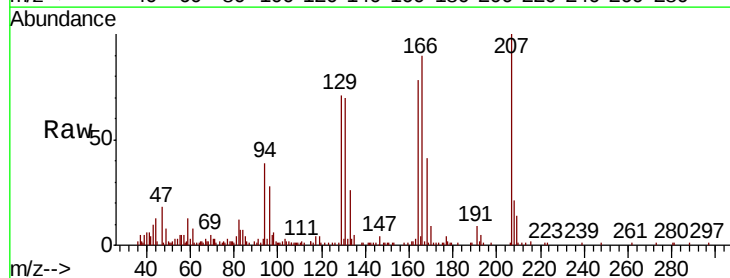
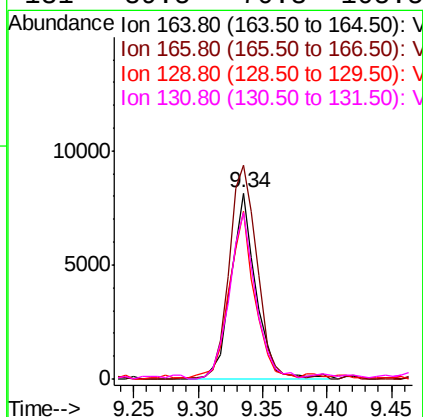
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

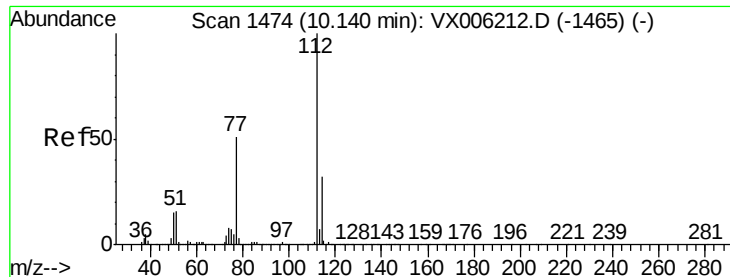
Tgt Ion:117 Resp: 1410184
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 1.058 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion:164 Resp: 11234
Ion Ratio Lower Upper
164 100
166 114.9 104.2 156.2
129 89.8 72.6 108.8
131 89.5 70.3 105.5





#65

Chlorobenzene

Concen: 1.008 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

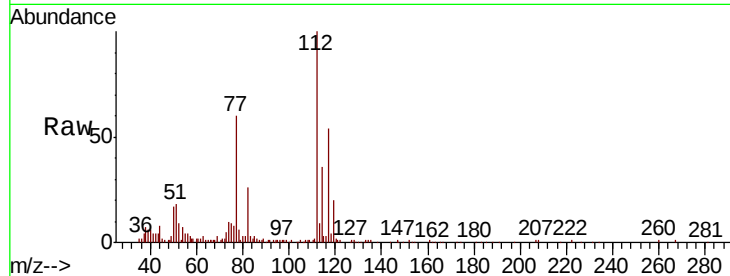
VSTDIC001

Tgt Ion:112 Resp: 30162

Ion Ratio Lower Upper

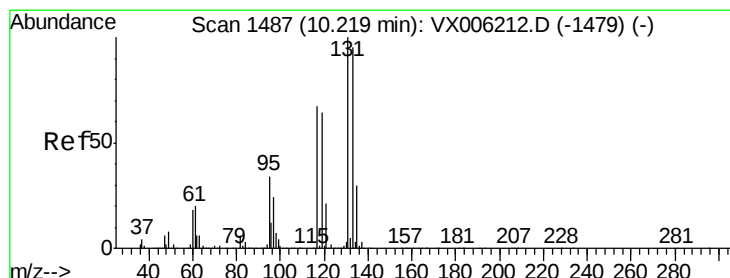
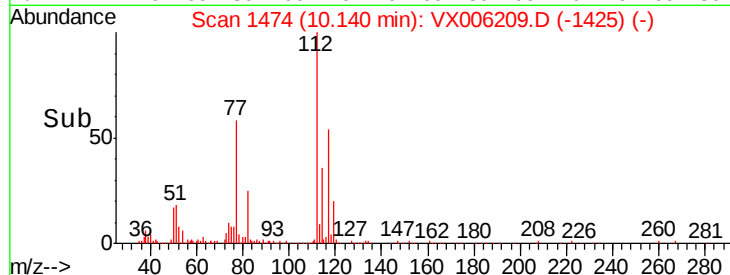
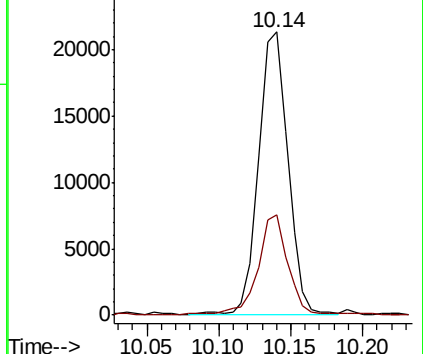
112 100

114 35.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.039 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

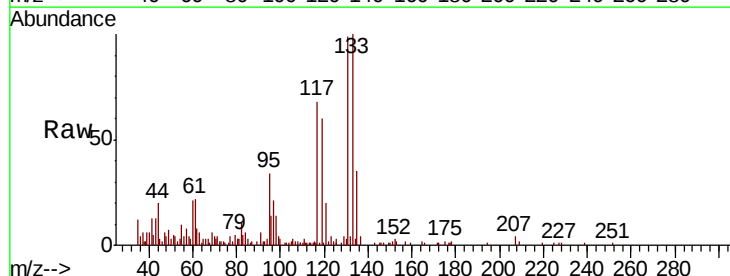
Tgt Ion:131 Resp: 12085

Ion Ratio Lower Upper

131 100

133 101.8 48.1 144.4

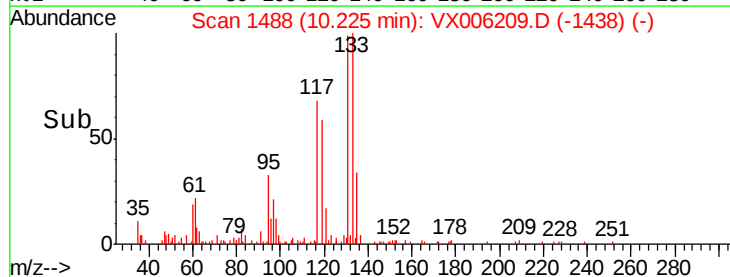
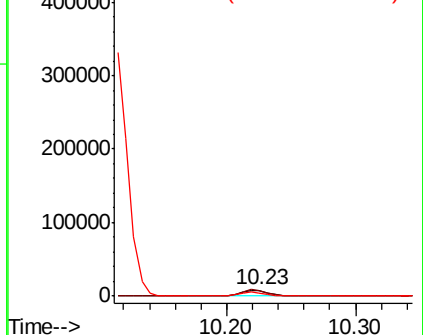
119 0.0 32.1 96.3#

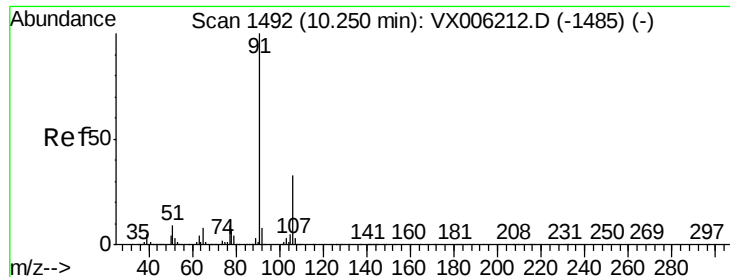


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.050 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

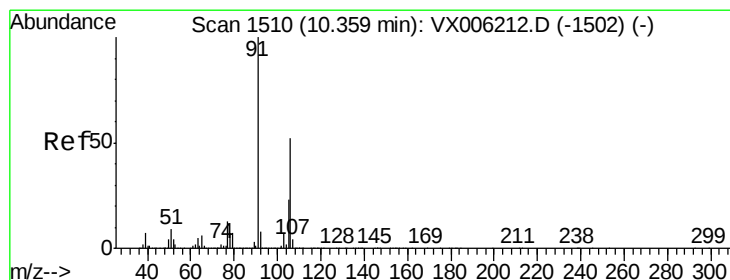
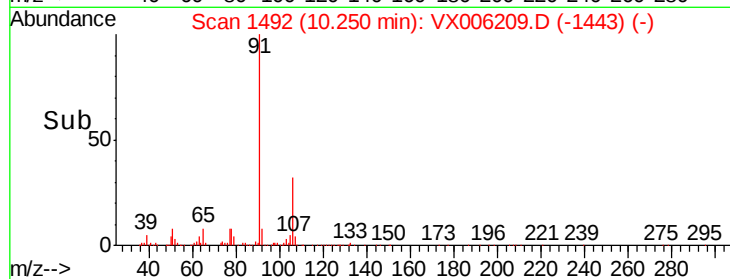
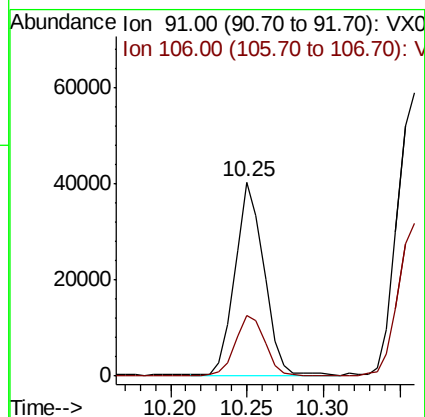
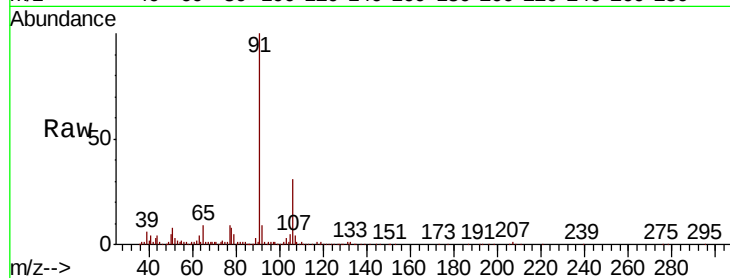
VSTDIC001

Tgt Ion: 91 Resp: 52283

Ion Ratio Lower Upper

91 100

106 31.5 26.5 39.7



#68

m/p-Xylenes

Concen: 2.090 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006209.D

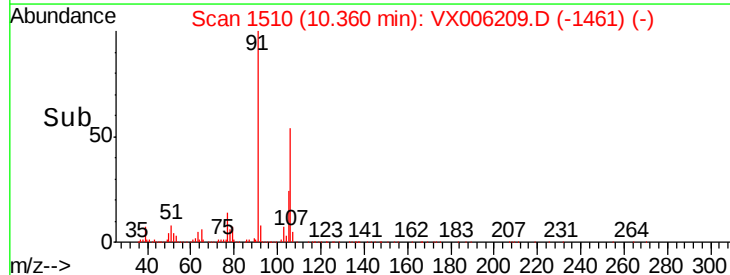
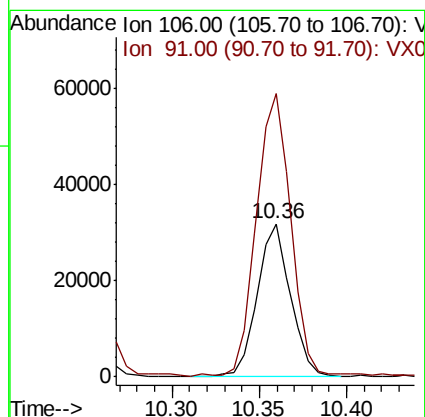
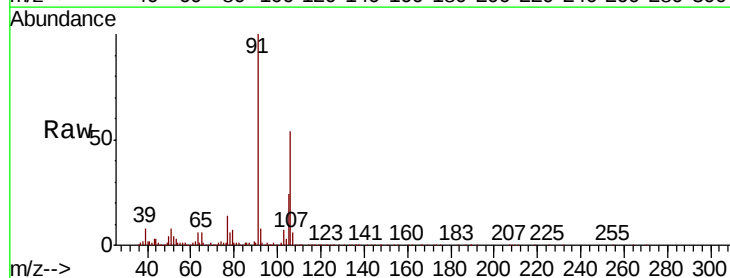
Acq: 29 Nov 2018 14:05

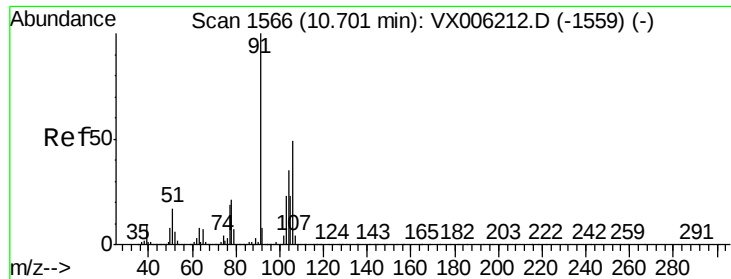
Tgt Ion: 106 Resp: 41690

Ion Ratio Lower Upper

106 100

91 191.7 155.2 232.8

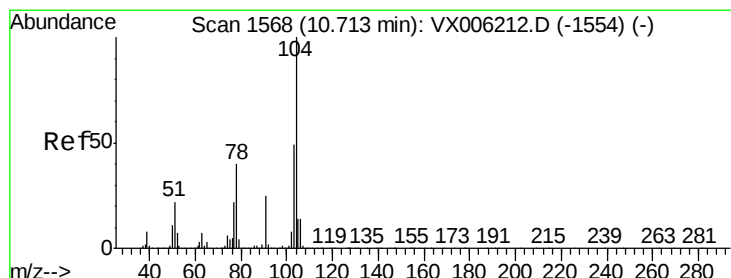
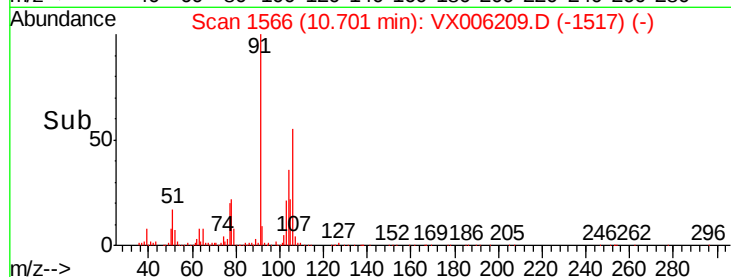
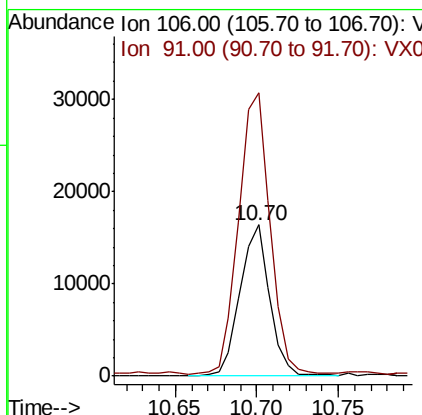
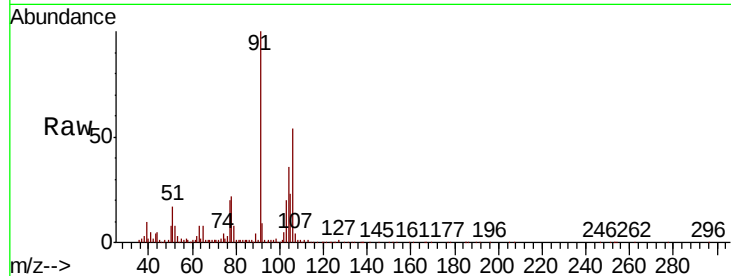




#69
o-Xylene
Concen: 1.066 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

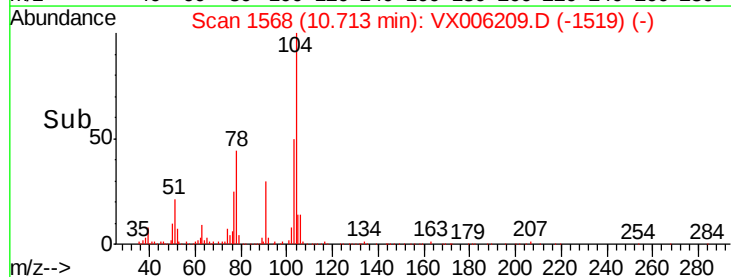
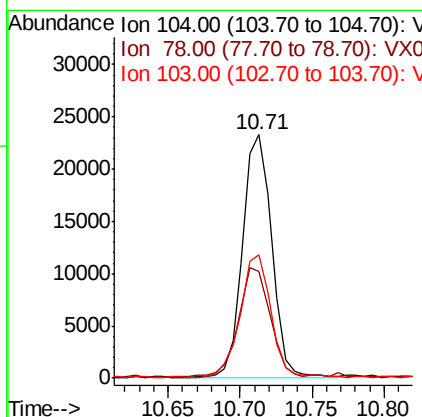
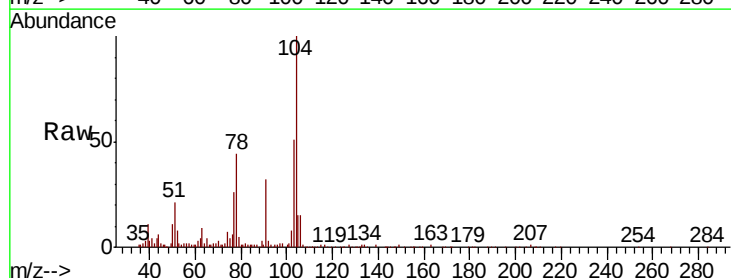
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

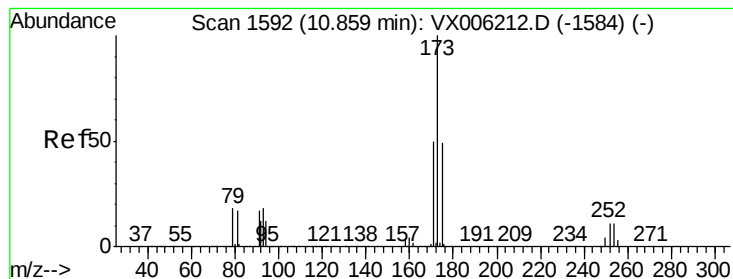
Tgt Ion:106 Resp: 21009
Ion Ratio Lower Upper
106 100
91 195.6 101.8 305.6



#70
Styrene
Concen: 1.031 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion:104 Resp: 32860
Ion Ratio Lower Upper
104 100
78 49.0 37.2 55.8
103 54.1 43.5 65.3





#71

Bromoform

Concen: 1.016 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

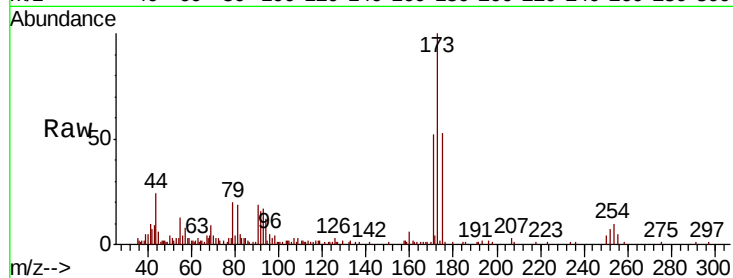
Tgt Ion:173 Resp: 11150

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

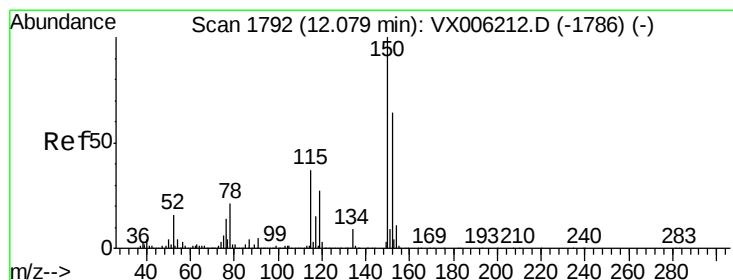
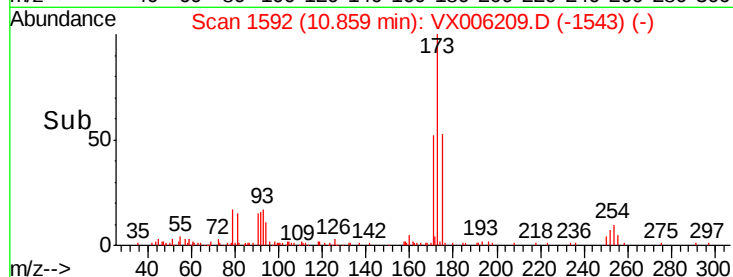
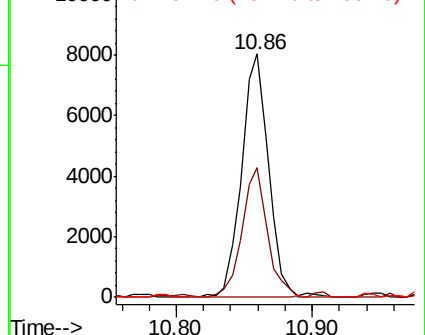
254 0.0 0.2 0.2#



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: VX006209.D

Acq: 29 Nov 2018 14:05

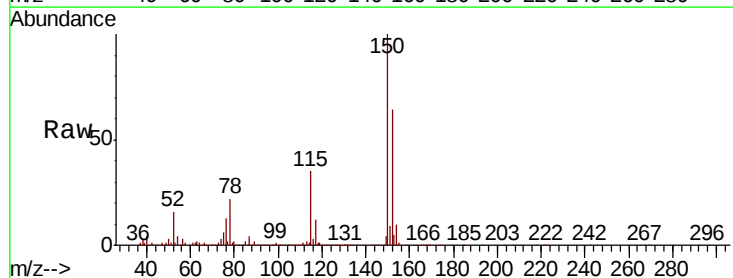
Tgt Ion:152 Resp: 738886

Ion Ratio Lower Upper

152 100

115 55.8 39.0 116.9

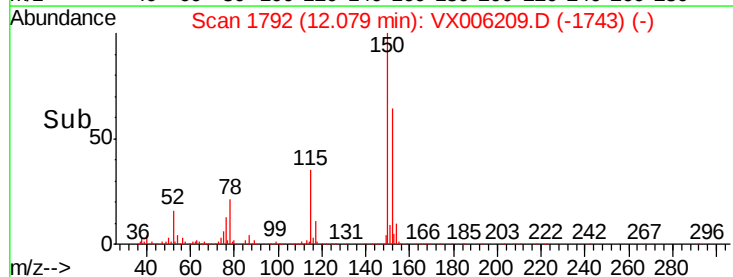
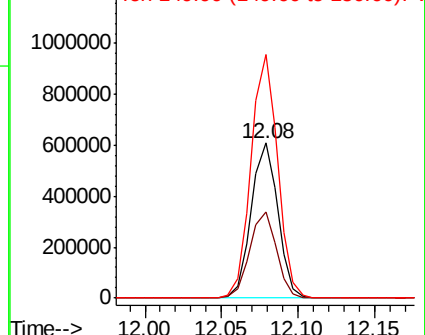
150 156.5 0.0 345.8

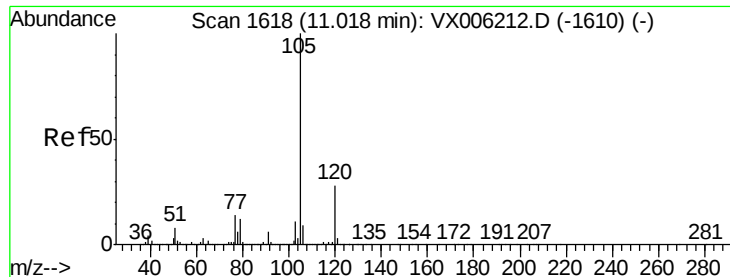


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.013 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

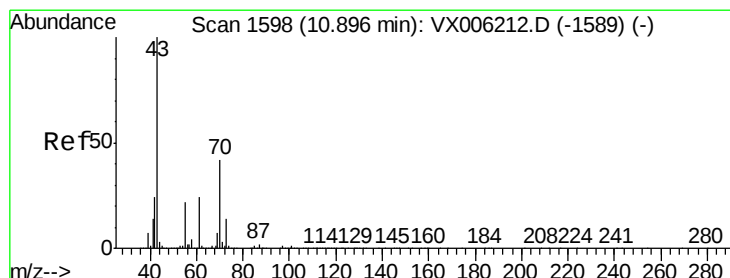
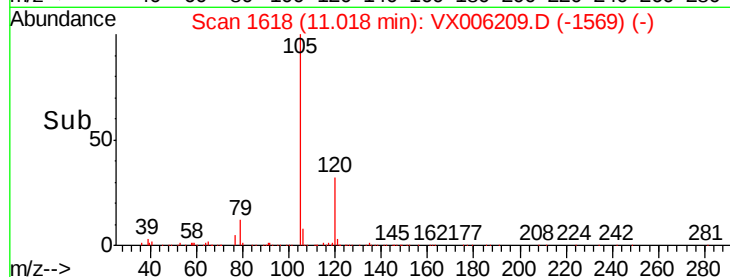
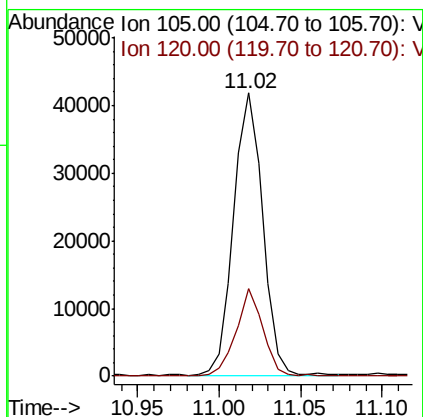
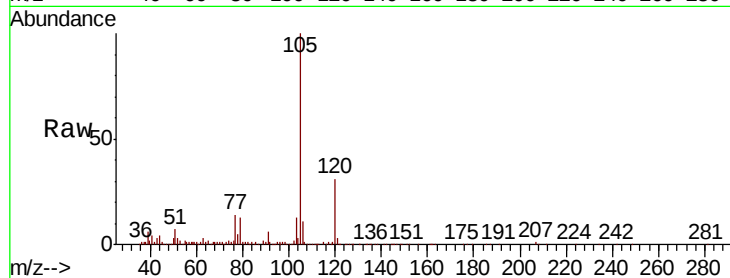
VSTDIC001

Tgt Ion:105 Resp: 51674

Ion Ratio Lower Upper

105 100

120 29.1 14.1 42.3



#74

N-ethyl acetate

Concen: 1.020 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Tgt Ion: 43 Resp: 22415

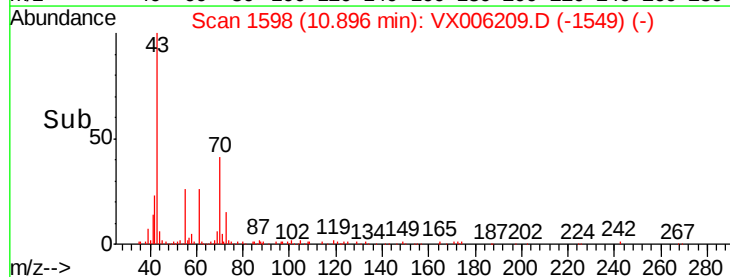
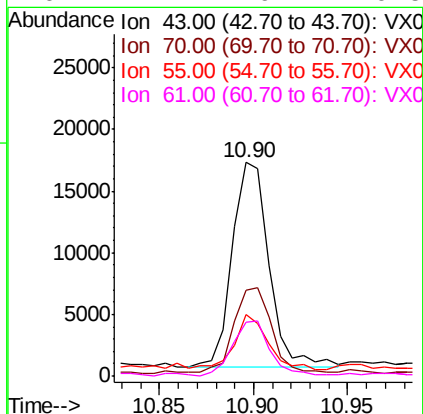
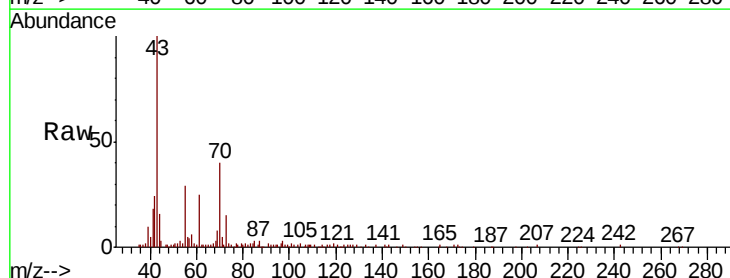
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.8 17.8 26.8

61 27.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 1.046 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

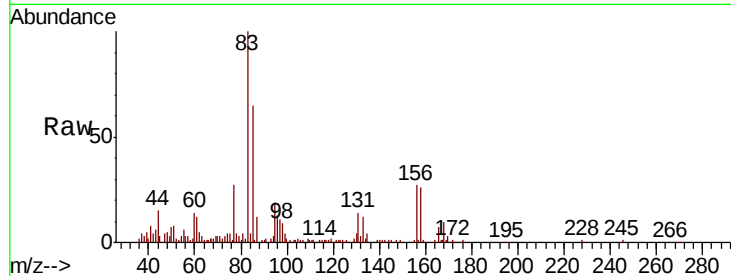
Tgt Ion: 83 Resp: 17070

Ion Ratio Lower Upper

83 100

131 15.0 5.7 17.1

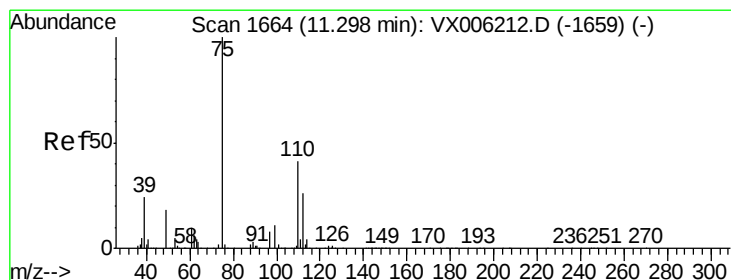
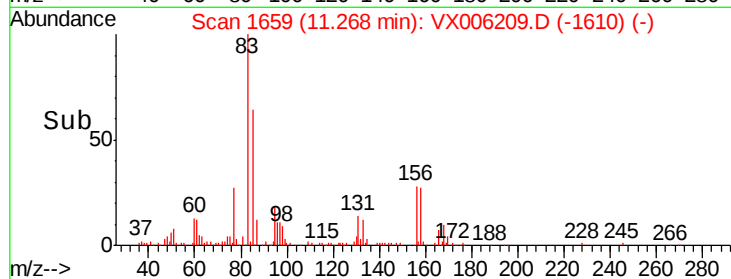
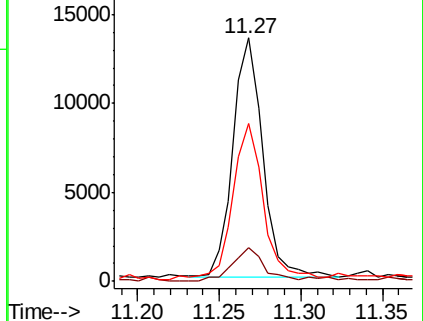
85 67.2 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.074 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006209.D

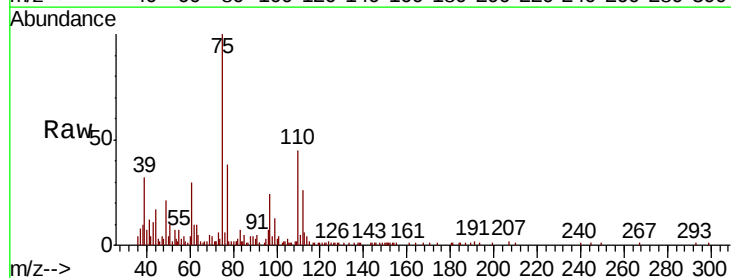
Acq: 29 Nov 2018 14:05

Tgt Ion: 75 Resp: 20599

Ion Ratio Lower Upper

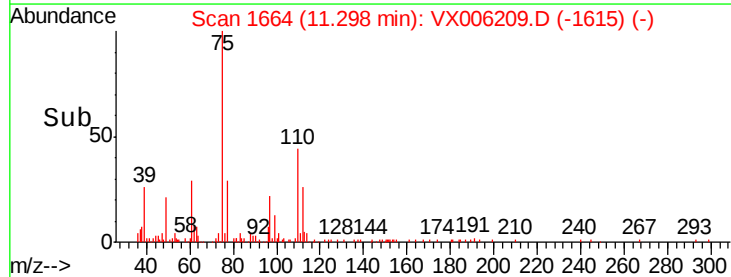
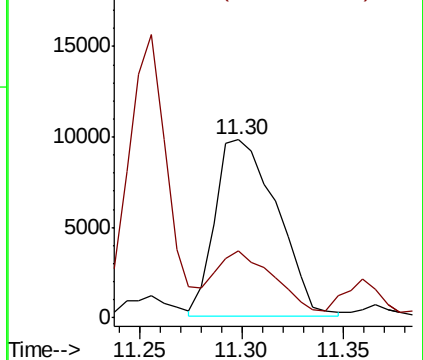
75 100

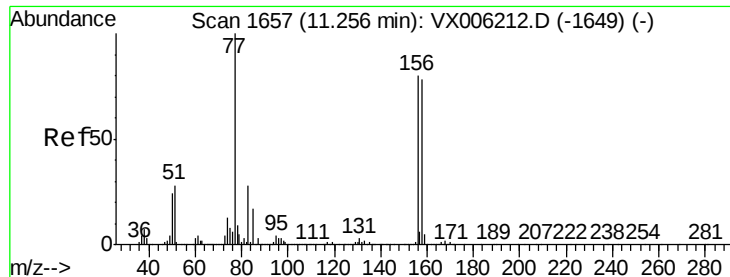
77 33.4 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.059 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

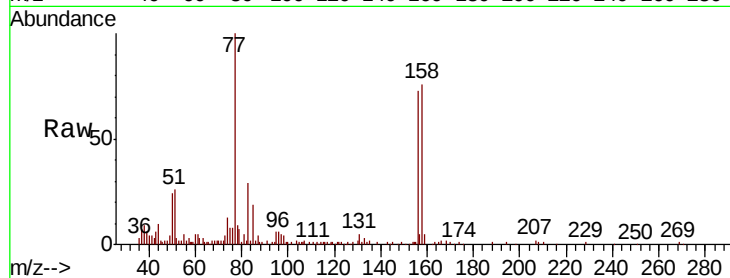
Tgt Ion: 156 Resp: 14997

Ion Ratio Lower Upper

156 100

77 136.9 66.2 198.6

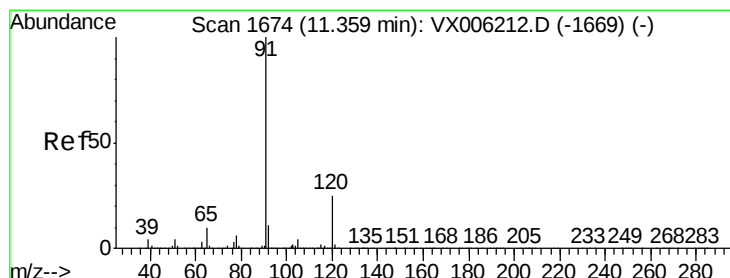
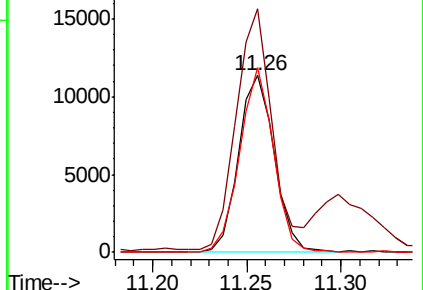
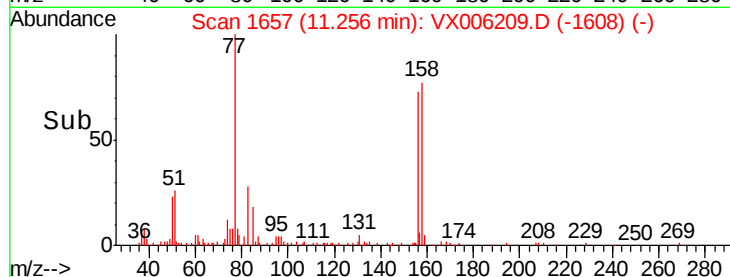
158 98.1 48.8 146.4



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: 0.994 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006209.D

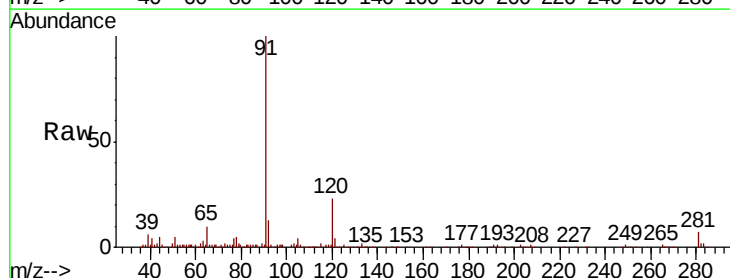
Acq: 29 Nov 2018 14:05

Tgt Ion: 91 Resp: 56402

Ion Ratio Lower Upper

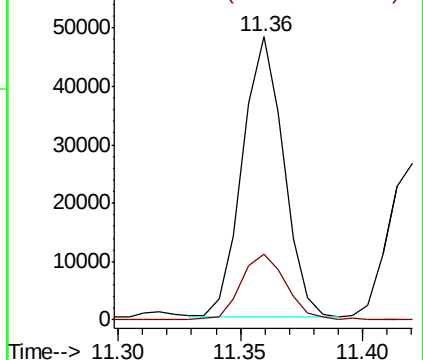
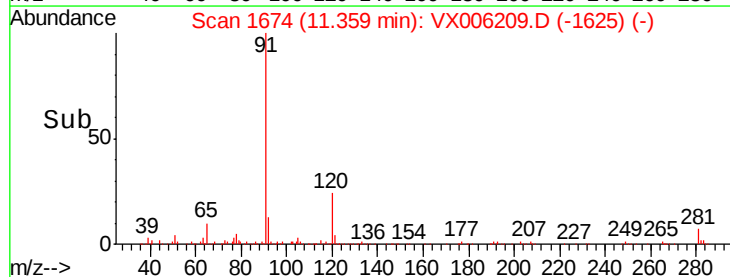
91 100

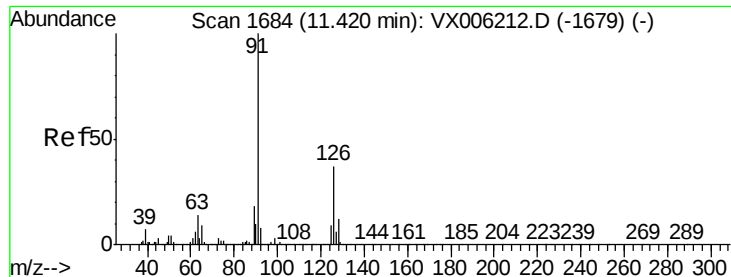
120 26.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.017 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

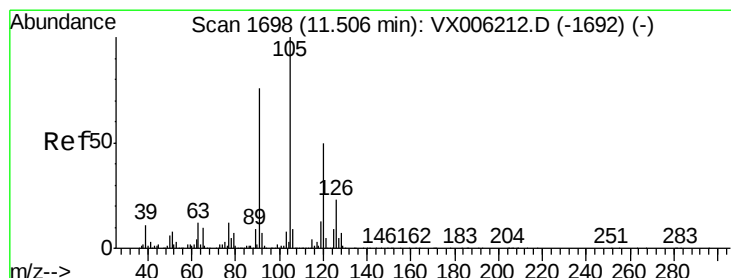
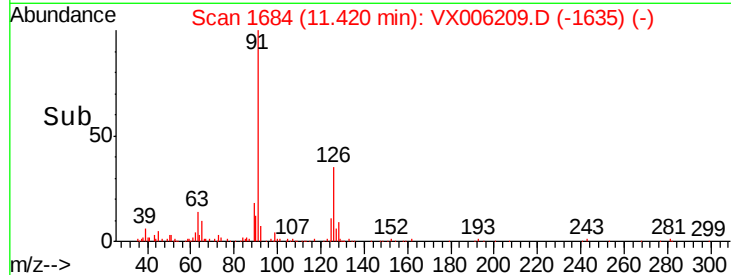
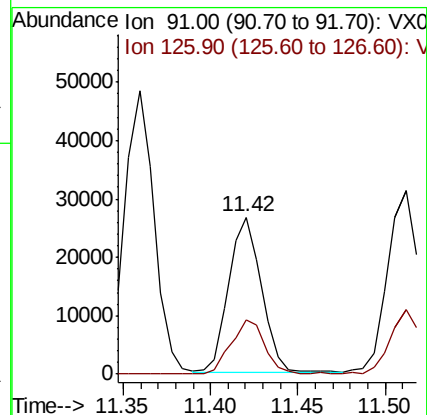
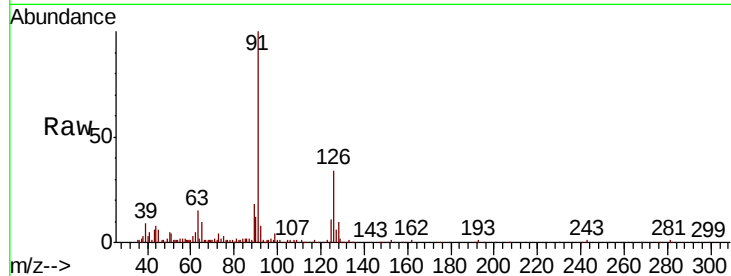
VSTDIC001

Tgt Ion: 91 Resp: 34278

Ion Ratio Lower Upper

91 100

126 36.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 1.021 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006209.D

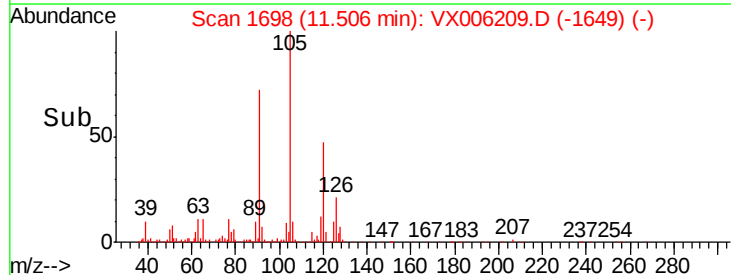
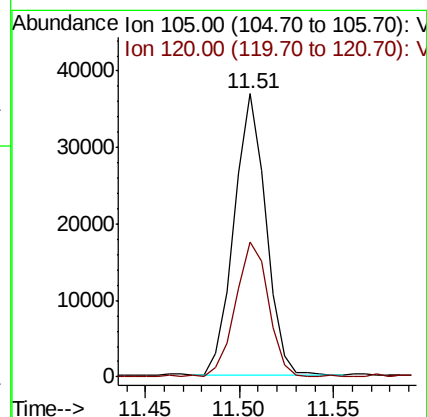
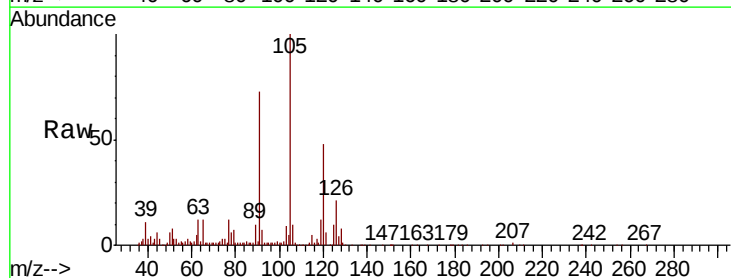
Acq: 29 Nov 2018 14:05

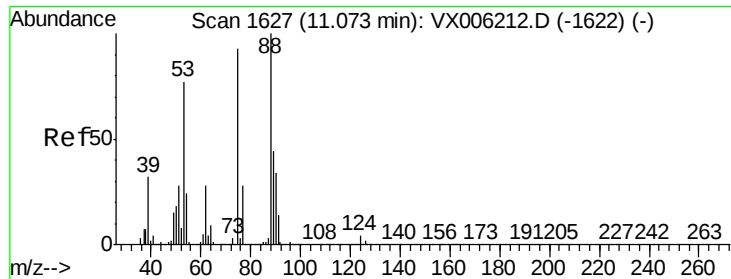
Tgt Ion: 105 Resp: 43352

Ion Ratio Lower Upper

105 100

120 49.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.999 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

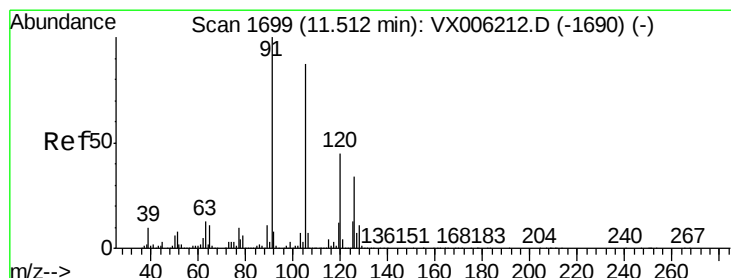
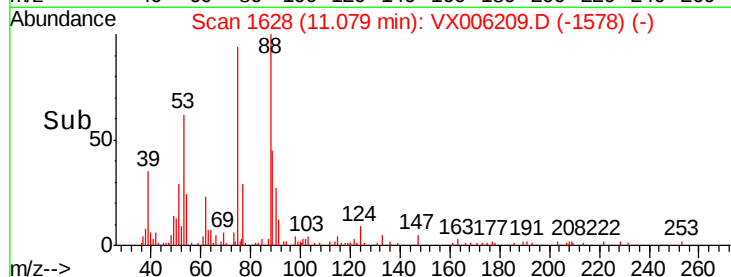
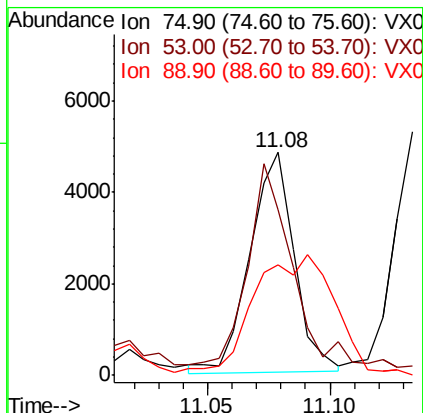
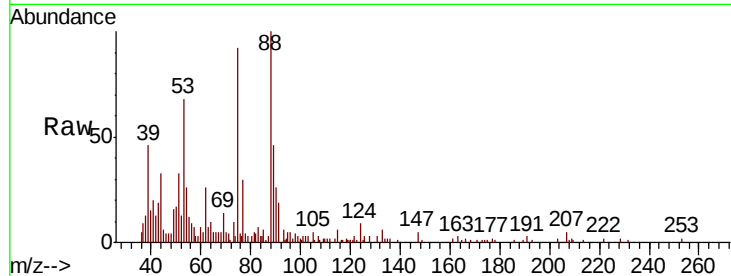
Tgt Ion: 75 Resp: 6074

Ion Ratio Lower Upper

75 100

53 92.8 64.4 96.6

89 100.8 44.2 66.4#



#82

4-Chlorotoluene

Concen: 1.002 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006209.D

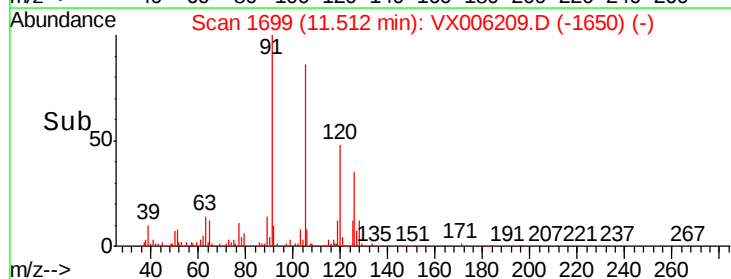
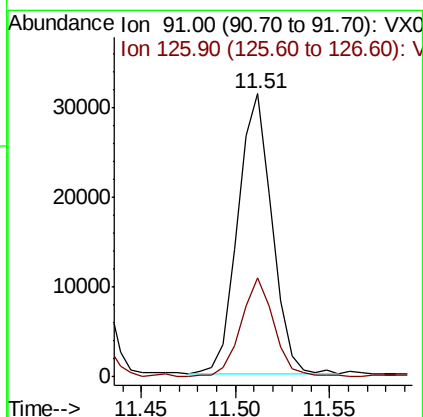
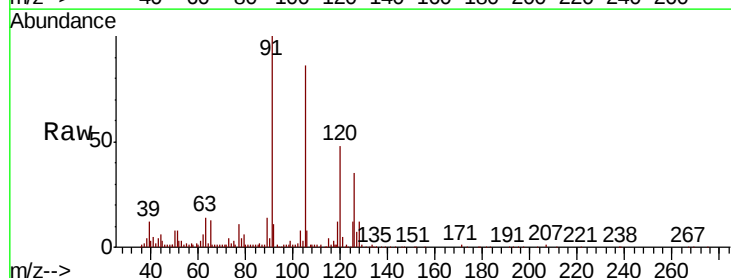
Acq: 29 Nov 2018 14:05

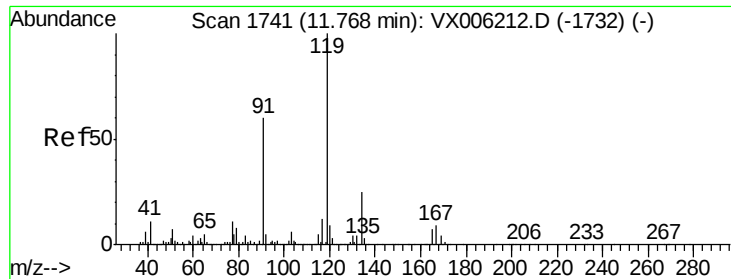
Tgt Ion: 91 Resp: 39272

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.4

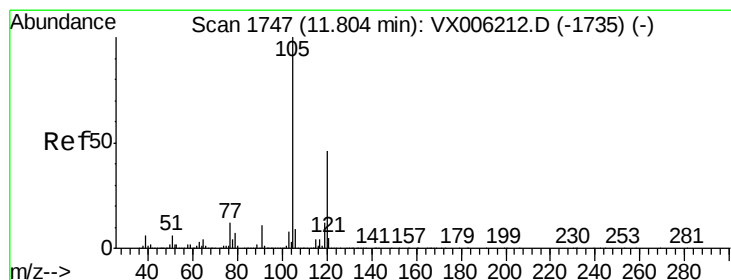
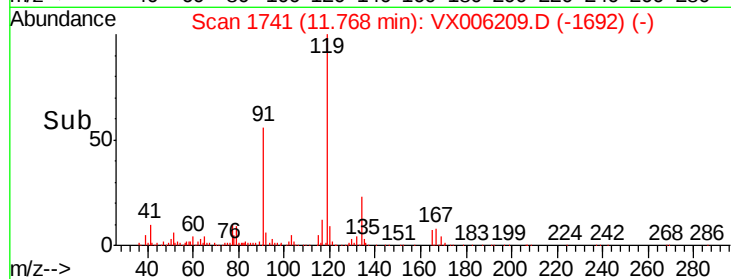
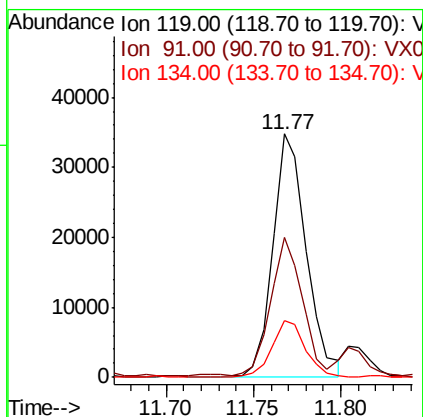
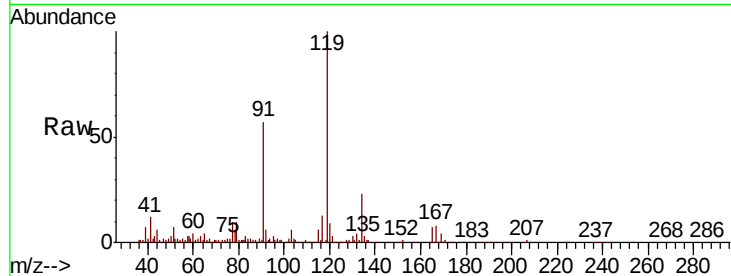




#83
tert-Butylbenzene
Concen: 1.032 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

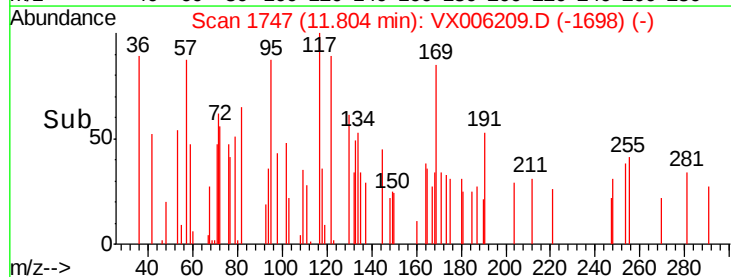
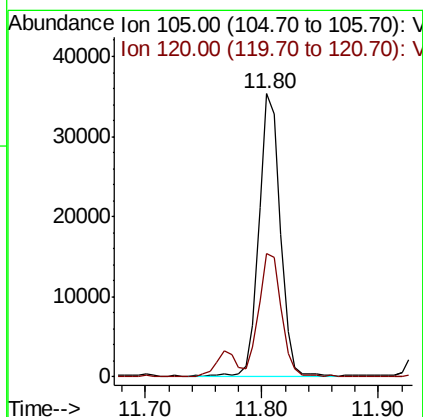
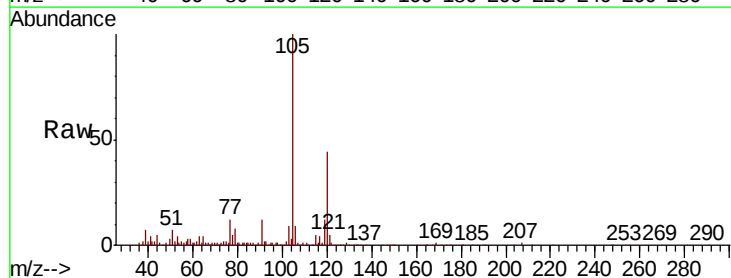
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

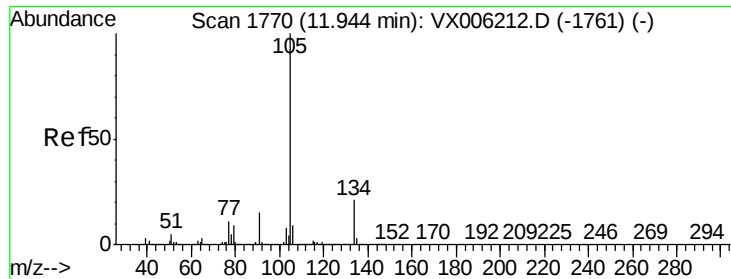
Tgt Ion:119 Resp: 46762
Ion Ratio Lower Upper
119 100
91 53.5 26.4 79.2
134 23.8 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 1.046 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion:105 Resp: 45873
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 1.014 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

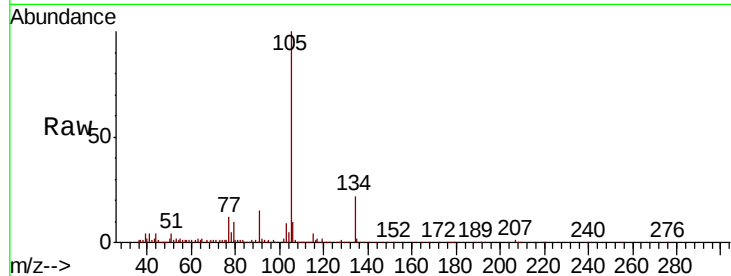
VSTDIC001

Tgt Ion:105 Resp: 52270

Ion Ratio Lower Upper

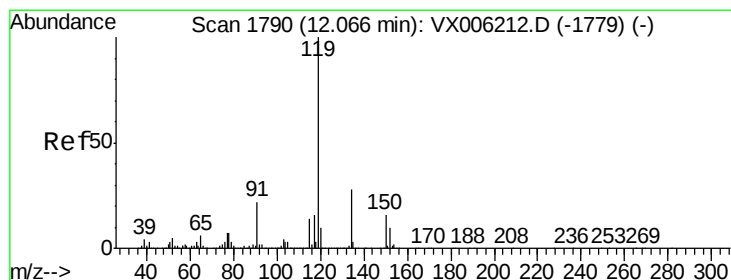
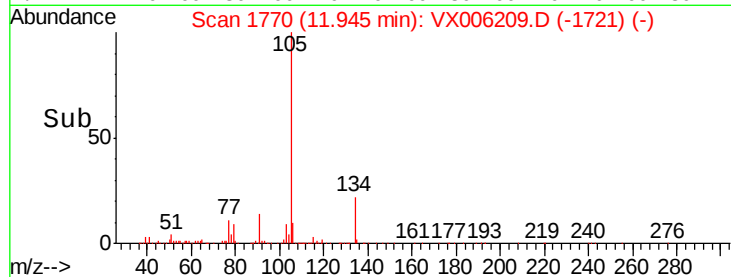
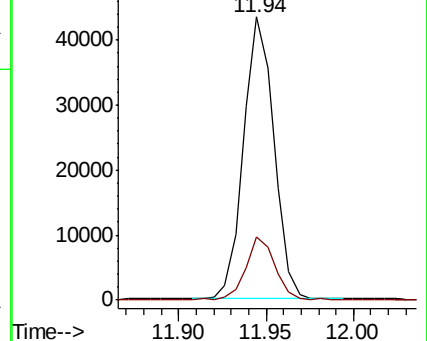
105 100

134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.029 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

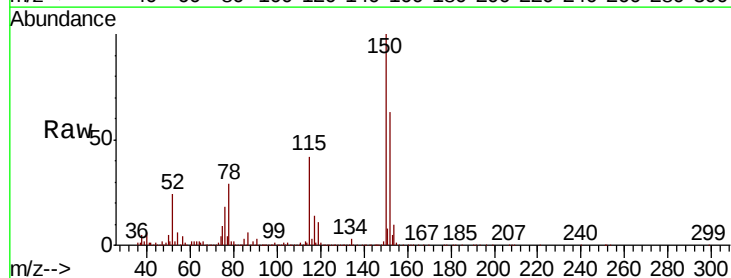
Tgt Ion:119 Resp: 47769

Ion Ratio Lower Upper

119 100

134 28.7 13.9 41.6

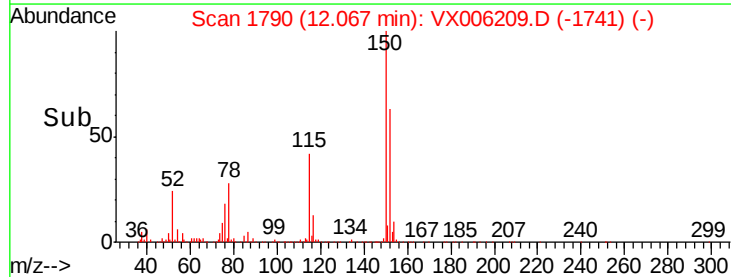
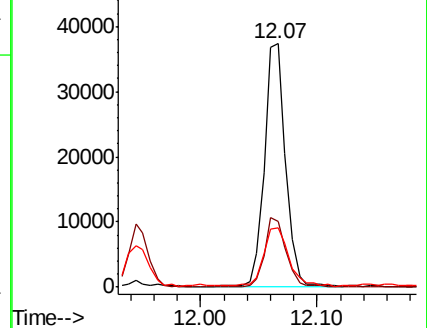
91 27.8 11.3 33.8

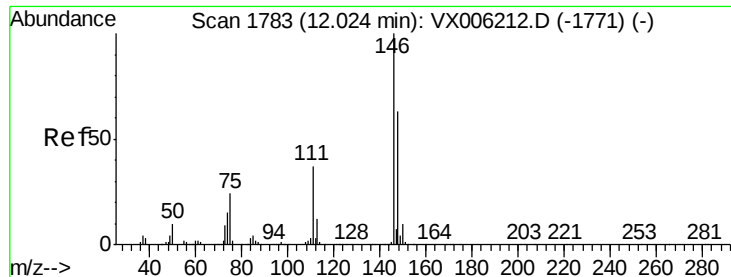


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

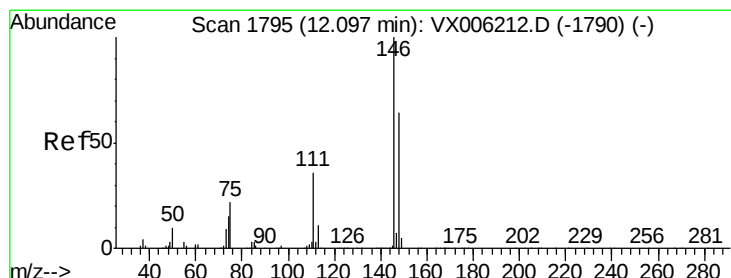
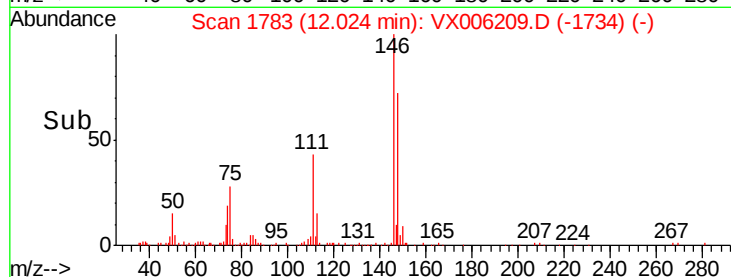
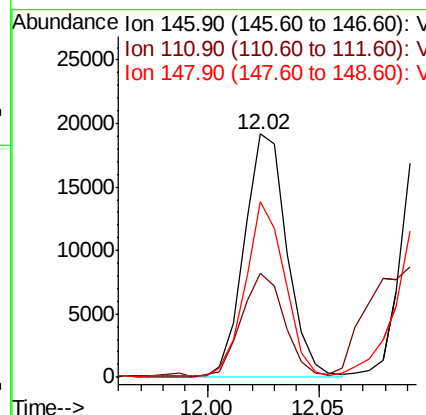
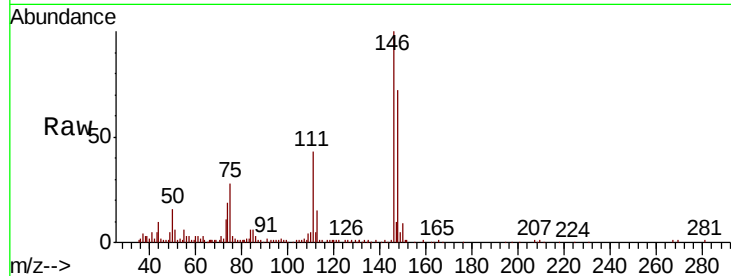




#87
 1,3-Dichlorobenzene
 Concen: 1.018 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

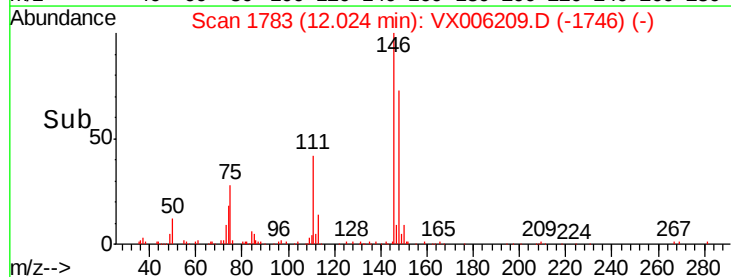
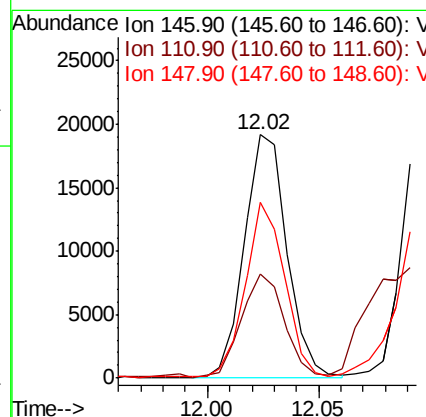
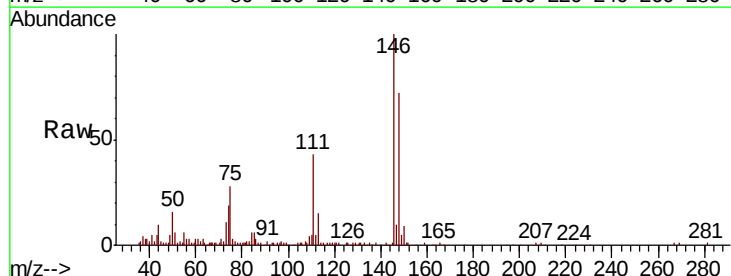
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

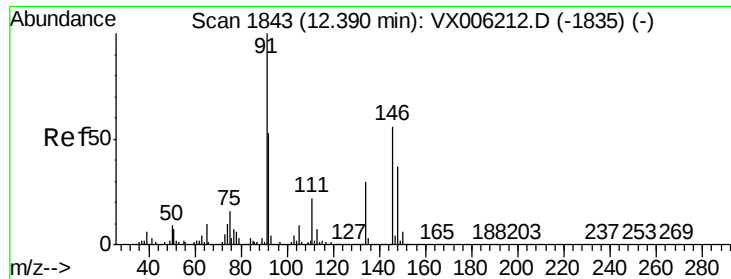
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.4	55.2
148	65.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 1.015 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.3	54.8
148	65.9	31.9	95.9





#89

n-Butylbenzene

Concen: 0.993 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006209.D

Acq: 29 Nov 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

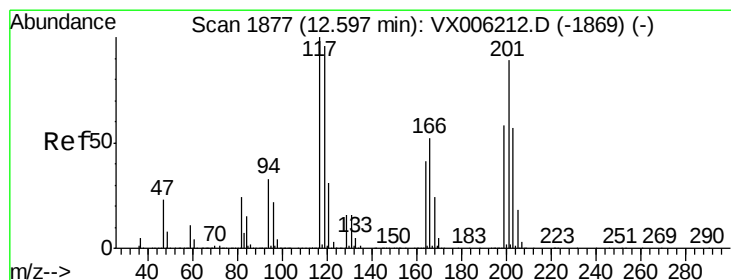
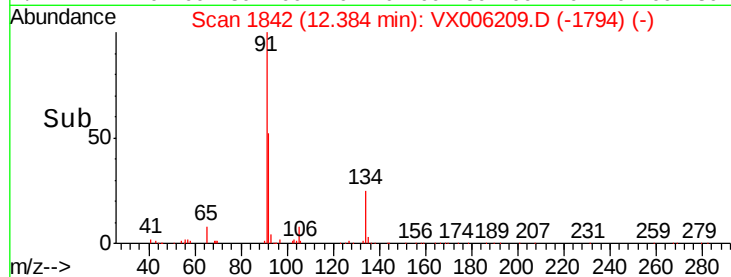
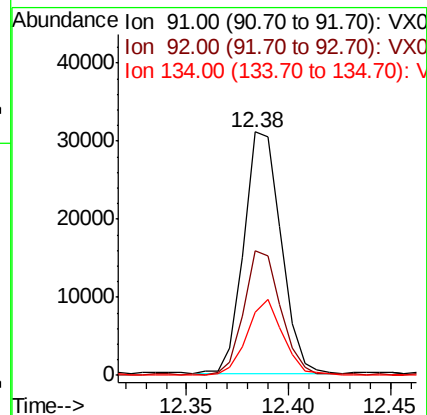
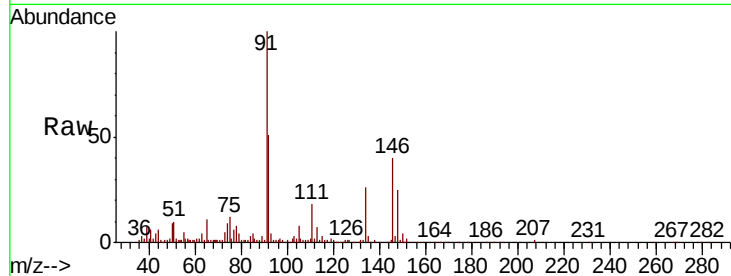
Tgt Ion: 91 Resp: 39327

Ion Ratio Lower Upper

91 100

92 51.0 26.6 79.8

134 30.5 14.8 44.3



#90

Hexachloroethane

Concen: 0.994 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006209.D

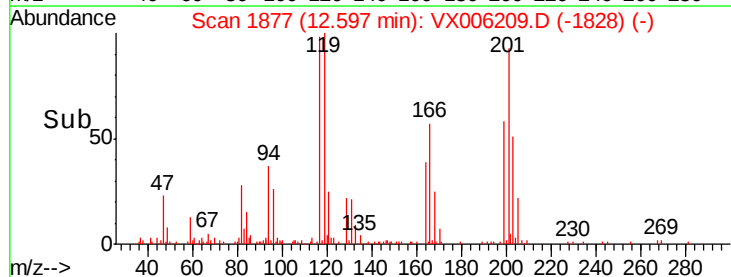
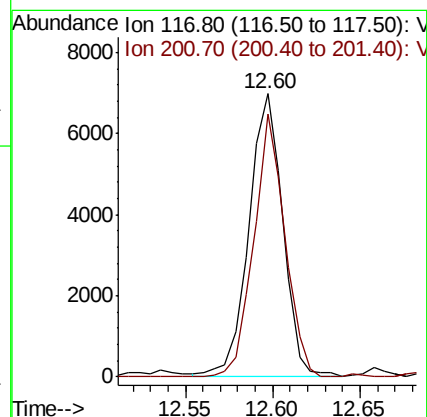
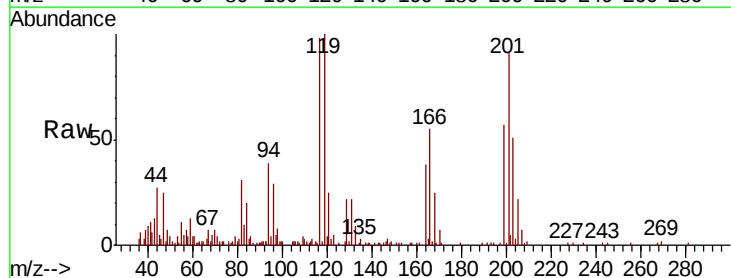
Acq: 29 Nov 2018 14:05

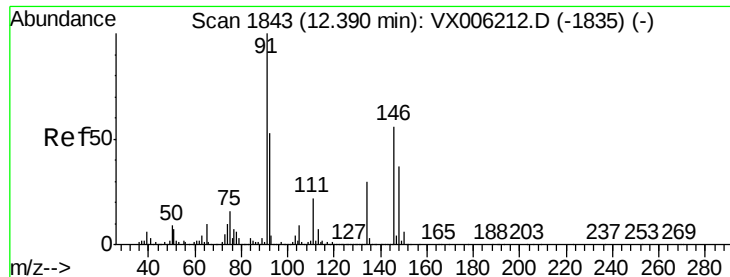
Tgt Ion: 117 Resp: 9400

Ion Ratio Lower Upper

117 100

201 85.2 44.7 134.1

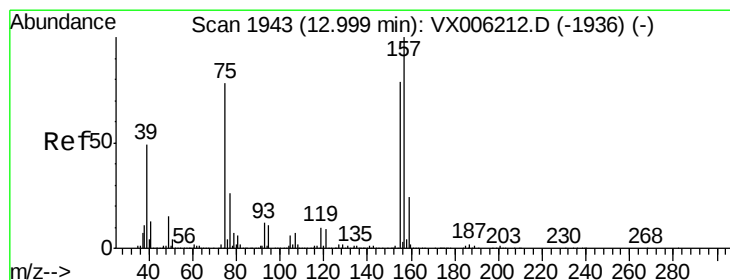
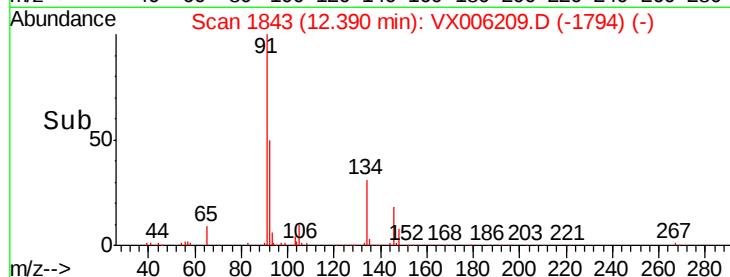
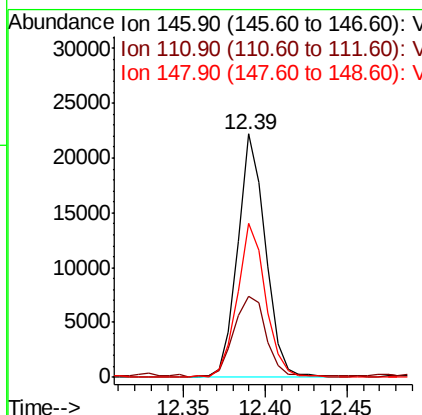
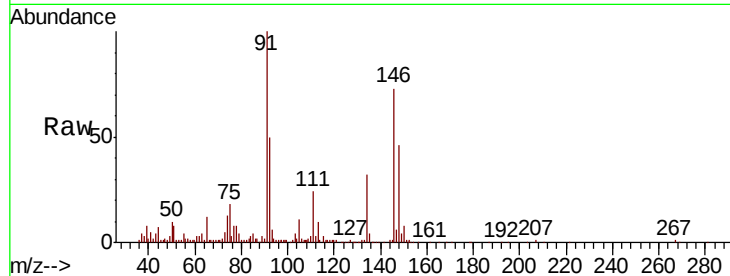




#91
 1,2-Dichlorobenzene
 Concen: 1.053 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

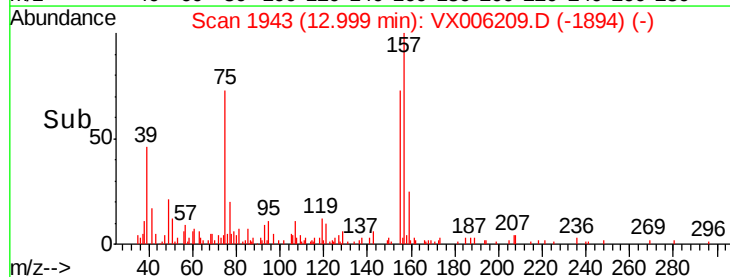
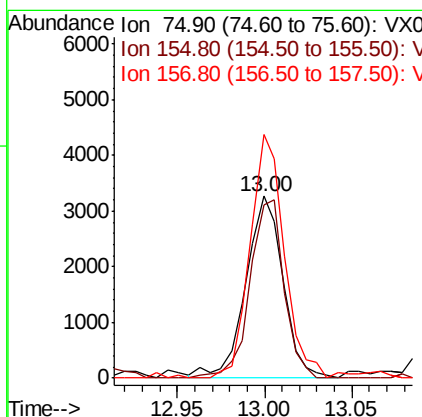
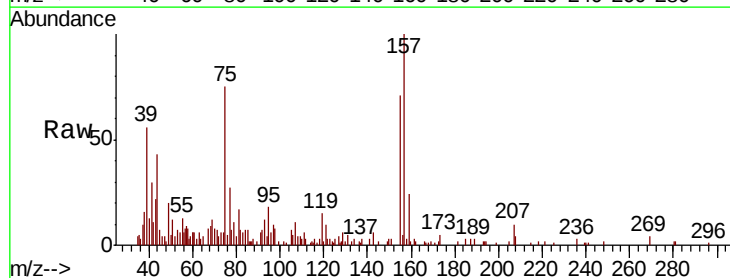
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

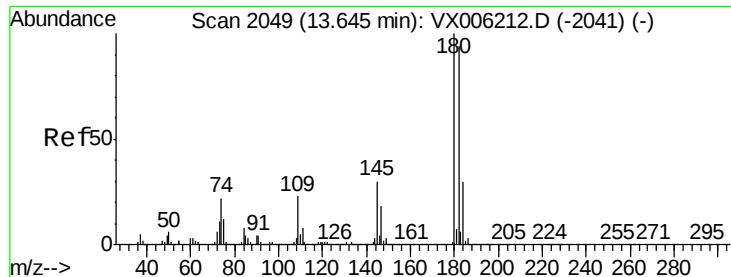
Tgt Ion: 146 Resp: 26322
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.3
 148 64.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.160 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion: 75 Resp: 4855
 Ion Ratio Lower Upper
 75 100
 155 89.2 53.4 160.3
 157 123.7 68.0 203.8

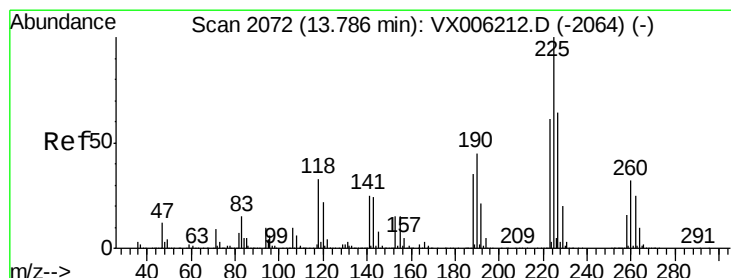
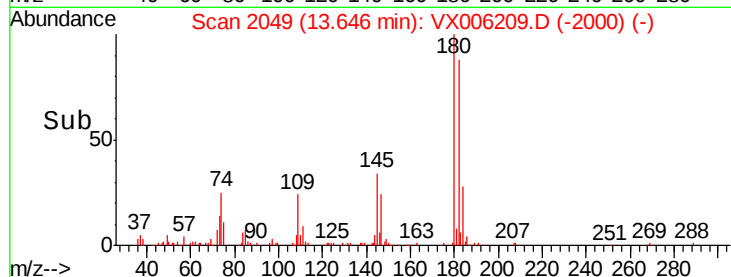
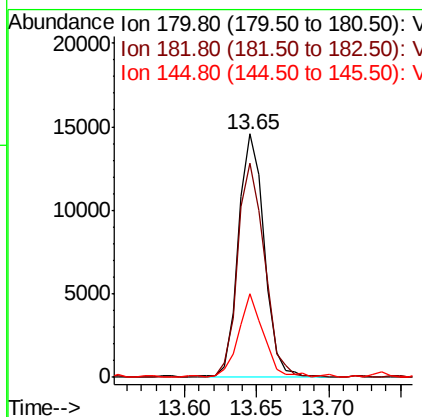
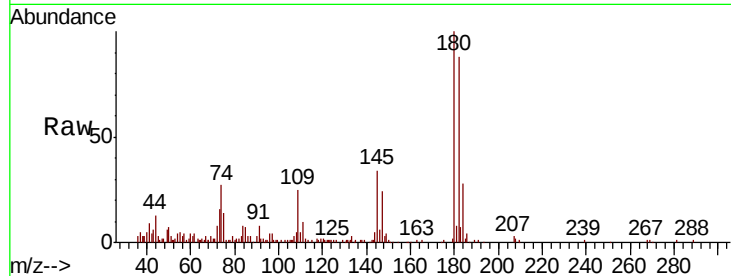




#93
 1,2,4-Trichlorobenzene
 Concen: 1.006 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

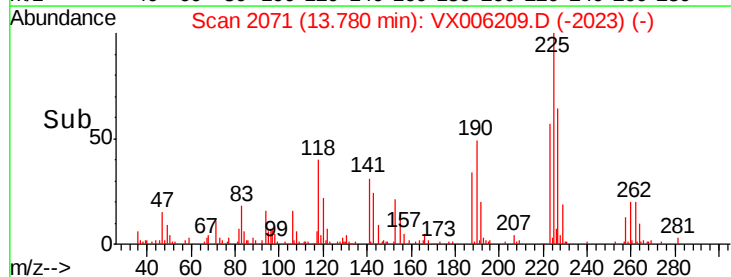
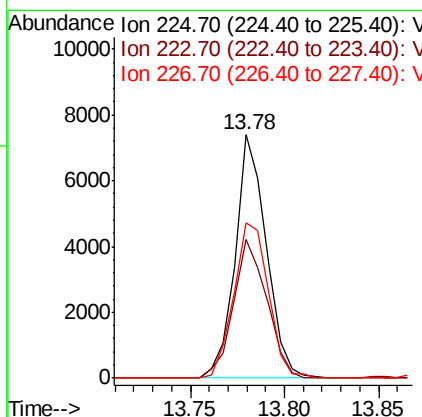
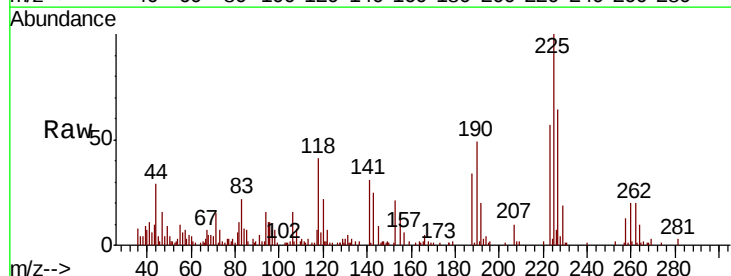
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

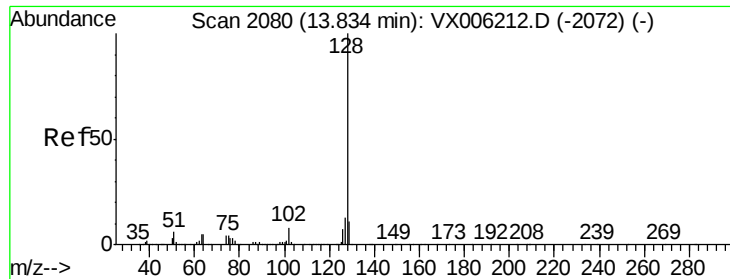
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.3	141.9
145	33.7	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 1.048 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006209.D
 Acq: 29 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.2	93.6
227	71.4	31.9	95.5

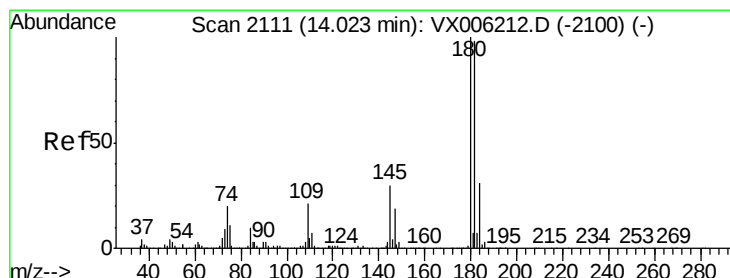
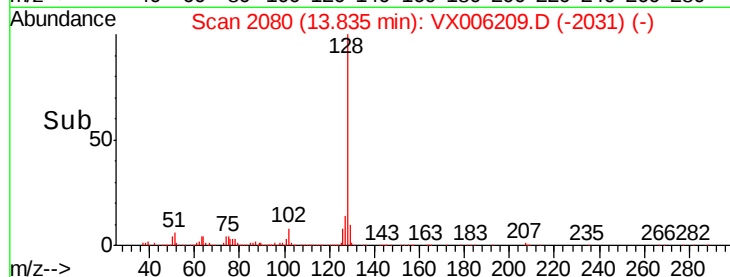
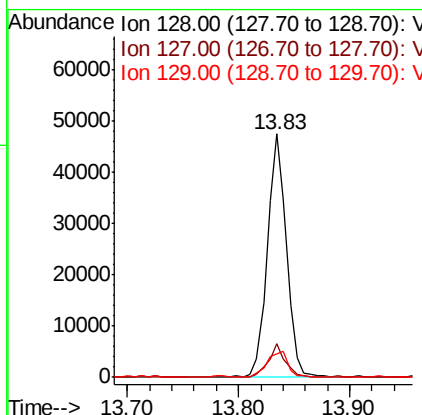
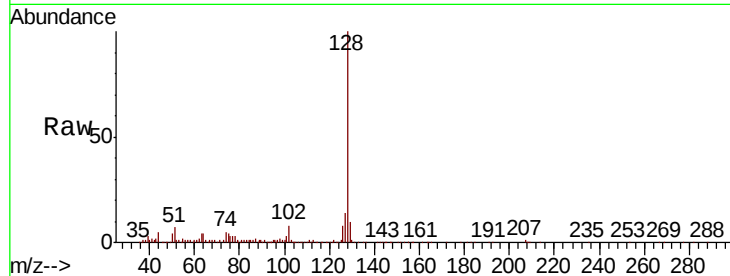




#95
Naphthalene
Concen: 1.010 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	11.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.987 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006209.D
Acq: 29 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.2
145	30.1	15.6	46.8

