

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006288.D
 Acq On : 04 Dec 2018 19:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 00:34:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	737851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1092968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	953339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	478882	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	375070	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	364765	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	1262687	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	462819	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	365786	50.631	ug/l	100
3) Chloromethane	1.33	50	324737	43.740	ug/l	97
4) Vinyl Chloride	1.41	62	369511	46.245	ug/l	98
5) Bromomethane	1.64	94	240196	43.375	ug/l	99
6) Chloroethane	1.72	64	244084	49.821	ug/l	99
7) Trichlorofluoromethane	1.93	101	591154	48.197	ug/l	99
8) Diethyl Ether	2.19	74	221666	47.752	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	336722	48.280	ug/l	100
10) Methyl Iodide	2.51	142	363077	34.544	ug/l	100
11) Tert butyl alcohol	3.07	59	442577	214.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	316614	47.422	ug/l	97
13) Acrolein	2.30	56	234728	208.486	ug/l	99
14) Allyl chloride	2.73	41	593025	44.964	ug/l	98
15) Acrylonitrile	3.15	53	975015	226.825	ug/l	99
16) Acetone	2.45	43	824135	233.146	ug/l	98
17) Carbon Disulfide	2.57	76	908363	44.153	ug/l	99
18) Methyl Acetate	2.78	43	565645	47.850	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1139479	47.841	ug/l	100
20) Methylene Chloride	2.86	84	342632	45.545	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	333308	46.846	ug/l	97
22) Diisopropyl ether	3.87	45	1009387	48.998	ug/l	98
23) Vinyl Acetate	3.82	43	4247812	241.760	ug/l	100
24) 1,1-Dichloroethane	3.70	63	574418	48.784	ug/l	99
25) 2-Butanone	4.70	43	1184117	234.771	ug/l	99
26) 2,2-Dichloropropane	4.59	77	492198	45.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	396450	49.954	ug/l	98
28) Bromochloromethane	5.02	49	257563	50.079	ug/l	97
29) Tetrahydrofuran	5.15	42	805689	229.844	ug/l	98
30) Chloroform	5.21	83	606972	49.053	ug/l	97
31) Cyclohexane	5.58	56	515406	47.365	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	573643	48.725	ug/l	100
36) 1,1-Dichloropropene	5.80	75	444518	48.297	ug/l	99
37) Ethyl Acetate	4.85	43	476111	46.192	ug/l	98
38) Carbon Tetrachloride	5.78	117	526724	48.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	574630	48.098	ug/l	97
40) Benzene	6.14	78	1352148	49.050	ug/l	100
41) Methacrylonitrile	5.06	41	258922	45.653	ug/l	98
42) 1,2-Dichloroethane	6.20	62	446090	49.445	ug/l	100
43) Isopropyl Acetate	6.46	43	782256	45.520	ug/l	100
44) Trichloroethene	7.21	130	407970	48.852	ug/l	97
45) 1,2-Dichloropropane	7.52	63	341706	48.773	ug/l	99
46) Dibromomethane	7.66	93	247016	48.818	ug/l	99
47) Bromodichloromethane	7.90	83	478541	48.837	ug/l	100
48) Methyl methacrylate	7.77	41	381593	45.643	ug/l	97
49) 1,4-Dioxane	7.75	88	178457	866.076	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2254707	225.377	ug/l	99
52) Toluene	8.79	92	858001	47.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	522530	45.597	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	565739	47.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	355163	48.204	ug/l	99
56) Ethyl methacrylate	9.18	69	525413	45.615	ug/l	99
57) 1,3-Dichloropropane	9.37	76	566939	48.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1390488	237.895	ug/l	100
59) 2-Hexanone	9.49	43	1671462	218.686	ug/l	99
60) Dibromochloromethane	9.59	129	425690	46.855	ug/l	100
61) 1,2-Dibromoethane	9.67	107	391172	47.482	ug/l	99
64) Tetrachloroethene	9.34	164	353405	49.224	ug/l	99
65) Chlorobenzene	10.14	112	1002688	49.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	389304	49.512	ug/l	99
67) Ethyl Benzene	10.25	91	1632924	48.514	ug/l	100
68) m/p-Xylenes	10.36	106	1297639	96.245	ug/l	100
69) o-Xylene	10.70	106	638521	47.945	ug/l	100
70) Styrene	10.71	104	1030135	47.825	ug/l	98
71) Bromoform	10.86	173	343238	46.243	ug/l	99
73) Isopropylbenzene	11.02	105	1691171	51.137	ug/l	100
74) N-amyl acetate	10.90	43	664349	46.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	520995	49.243	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	618052	66.866	ug/l	87
77) Bromobenzene	11.26	156	458240	49.929	ug/l	99
78) n-propylbenzene	11.36	91	1858832	50.564	ug/l	100
79) 2-Chlorotoluene	11.42	91	1088207	49.804	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1390338	50.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	179422	45.553	ug/l	93
82) 4-Chlorotoluene	11.51	91	1255051	49.404	ug/l	100
83) tert-Butylbenzene	11.77	119	1471221	50.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1441081	50.719	ug/l	100
85) sec-Butylbenzene	11.94	105	1709162	51.173	ug/l	100
86) p-Isopropyltoluene	12.07	119	1507610	50.128	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	814290	49.863	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	809780	48.855	ug/l	99
89) n-Butylbenzene	12.39	91	1283699	50.025	ug/l	100
90) Hexachloroethane	12.60	117	299634	48.883	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	801786	49.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121904	44.948	ug/l	99

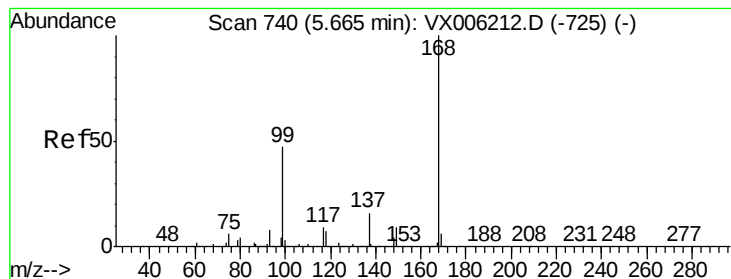
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	584840	49.461	ug/l	100
94) Hexachlorobutadiene	13.79	225	259904	49.702	ug/l	100
95) Naphthalene	13.83	128	1844862	50.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	584821	49.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

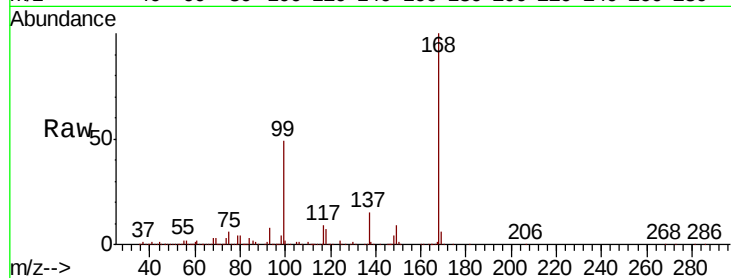
VSTDCCC050EC

Tot Ion:168 Resp: 737851

Ion Ratio Lower Upper

168 100

99 49.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006288.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006288.D (-691) (-)

5.67

300000

250000

200000

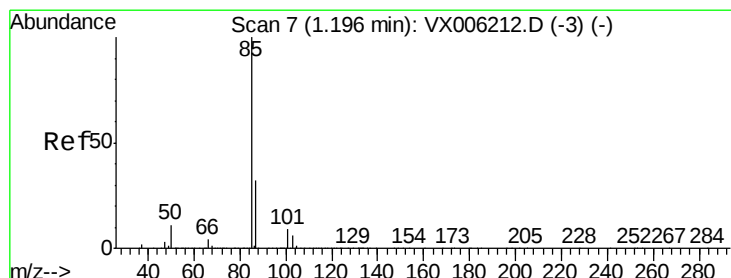
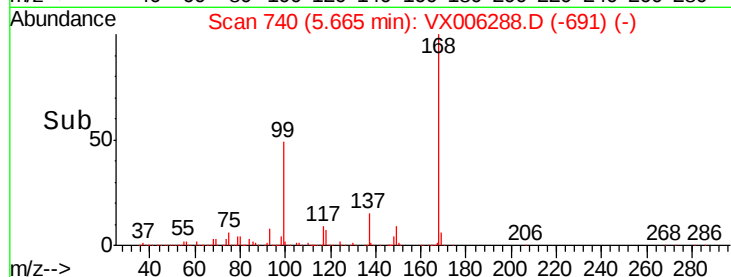
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.631 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006288.D

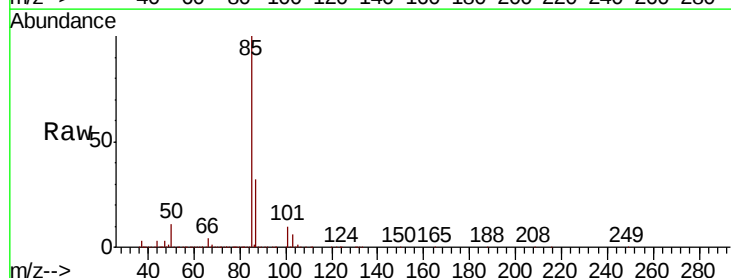
Acq: 04 Dec 2018 19:34

Tgt Ion: 85 Resp: 365786

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006288.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006288.D (-1) (-)

1.20

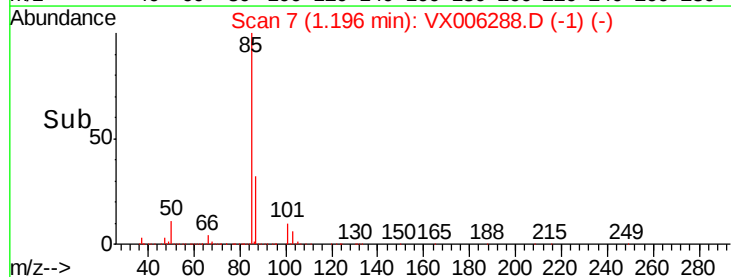
300000

200000

100000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.740 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

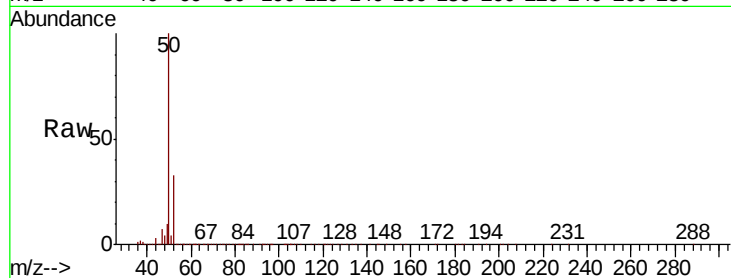
VSTDCCC050EC

Tot Ion: 50 Resp: 324737

Ion Ratio Lower Upper

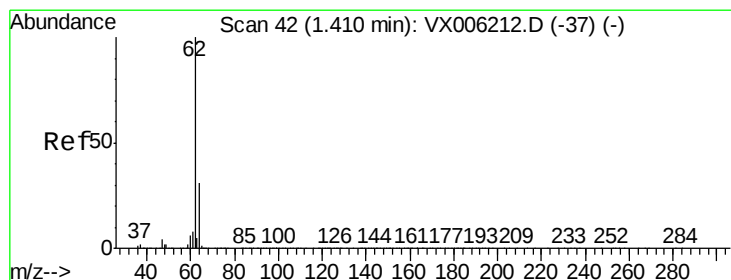
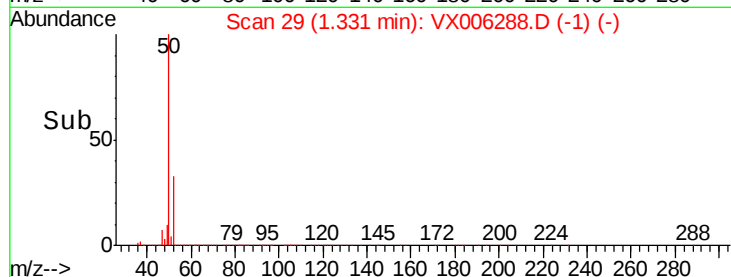
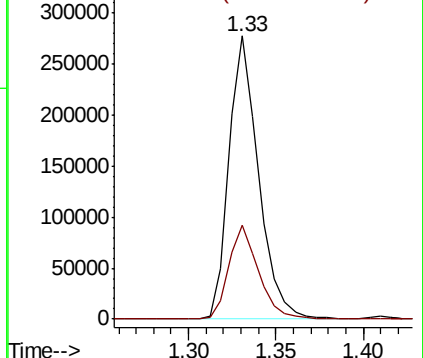
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.245 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006288.D

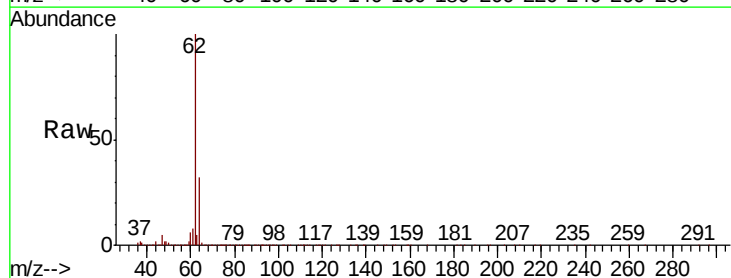
Acq: 04 Dec 2018 19:34

Tgt Ion: 62 Resp: 369511

Ion Ratio Lower Upper

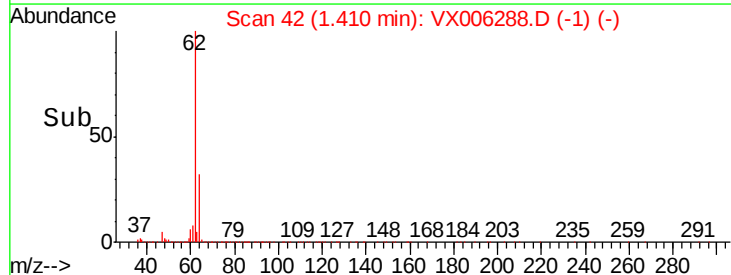
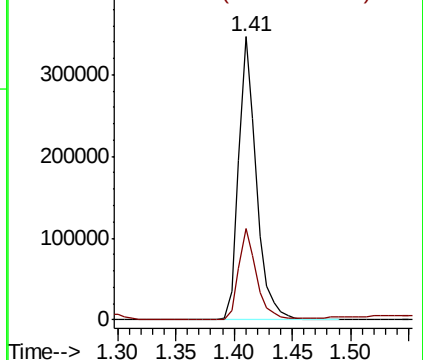
62 100

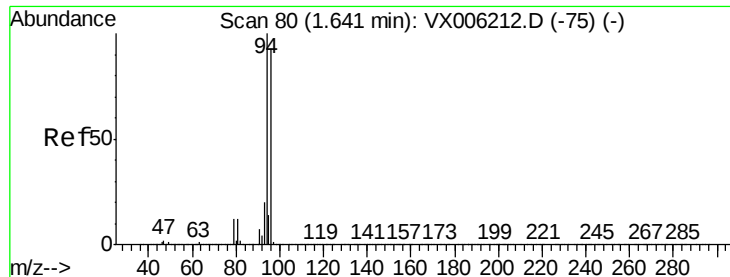
64 32.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.375 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

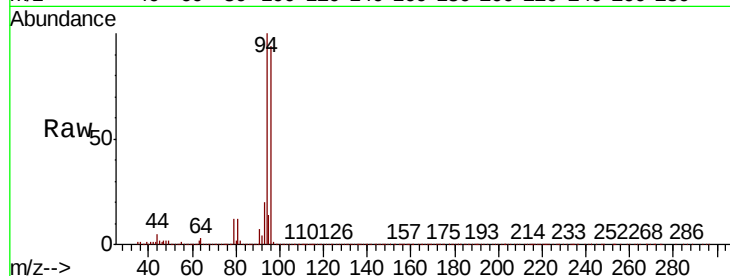
VSTDCCC050EC

Tot Ion: 94 Resp: 240196

Ion Ratio Lower Upper

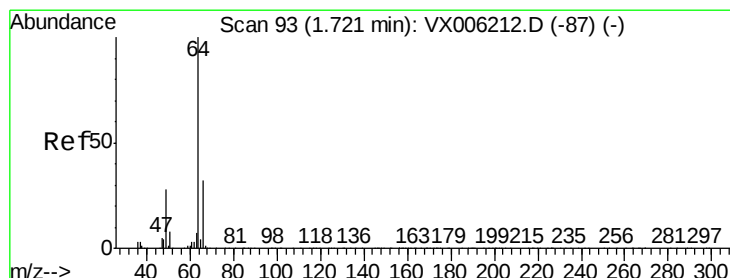
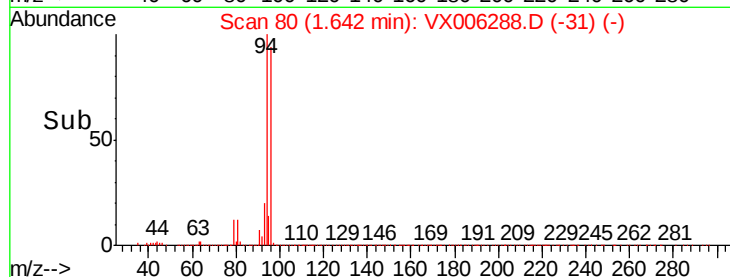
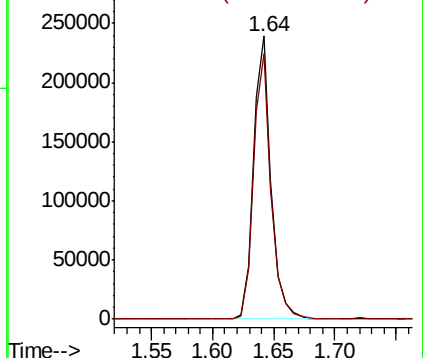
94 100

96 93.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.821 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006288.D

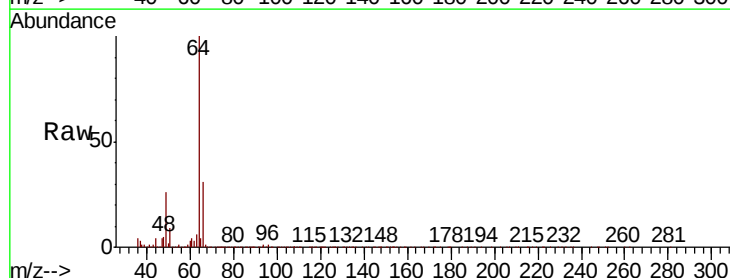
Acq: 04 Dec 2018 19:34

Tgt Ion: 64 Resp: 244084

Ion Ratio Lower Upper

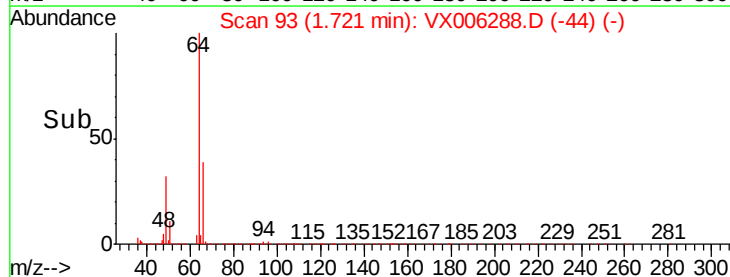
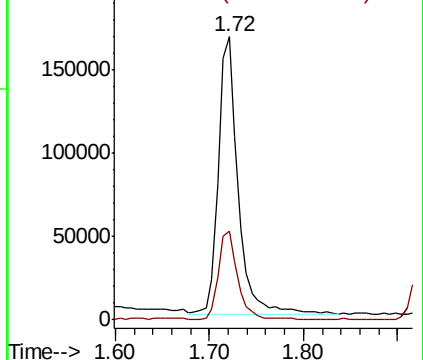
64 100

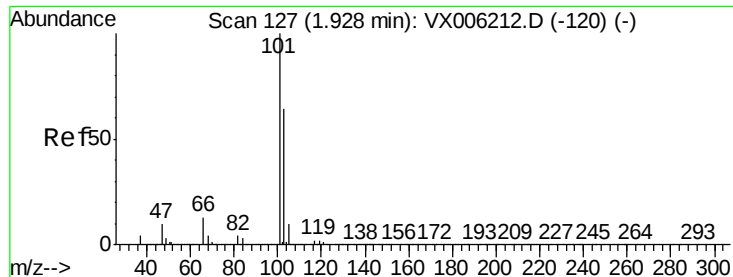
66 31.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



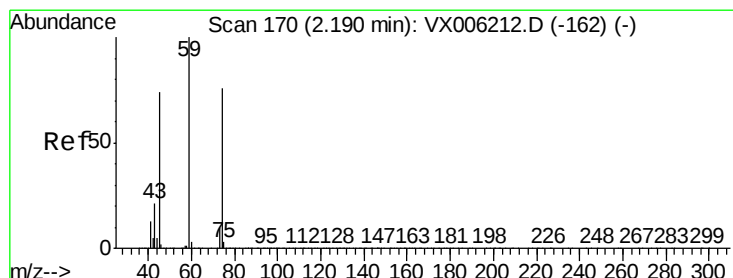
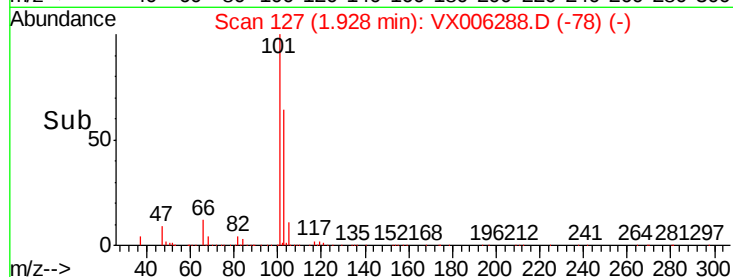
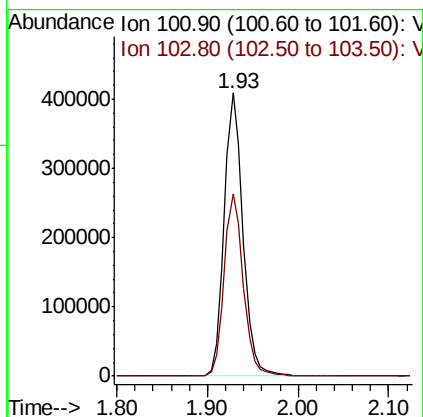
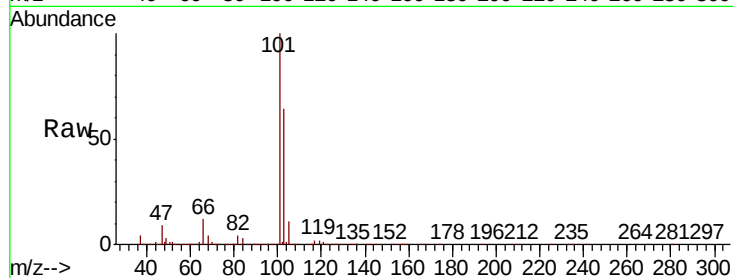


#7

Trichlorofluoromethane
Concen: 48.197 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
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VSTDCCC050EC

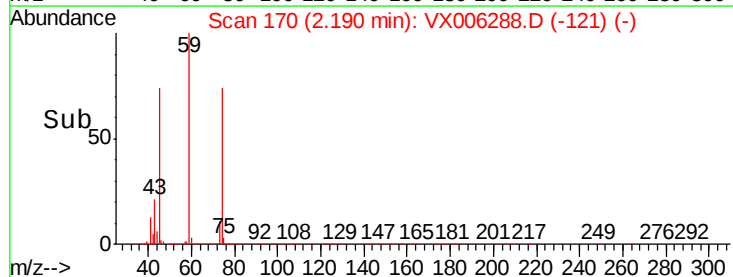
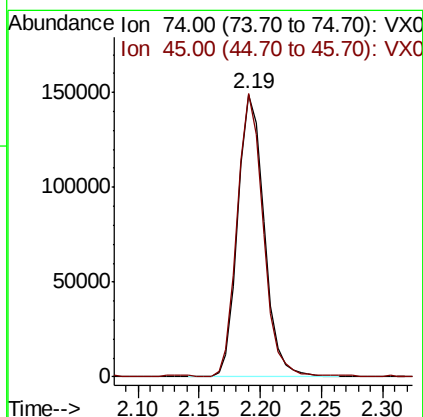
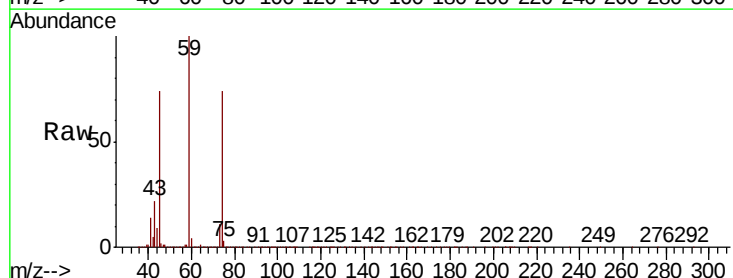
Tot Ion:101 Resp: 591154
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

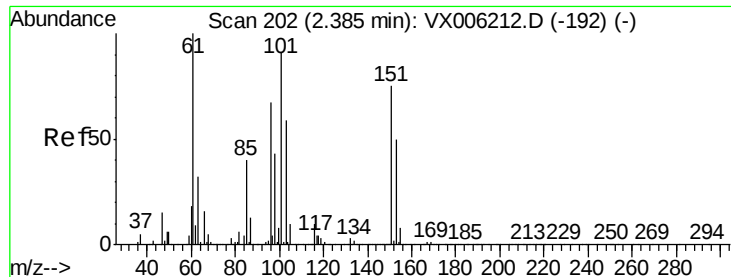


#8

Diethyl Ether
Concen: 47.752 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 74 Resp: 221666
Ion Ratio Lower Upper
74 100
45 98.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.280 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

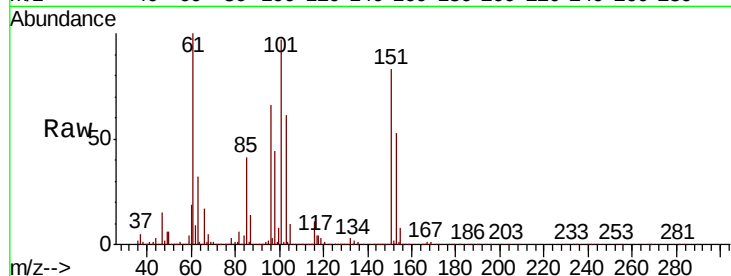
Tot Ion:101 Resp: 336722

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

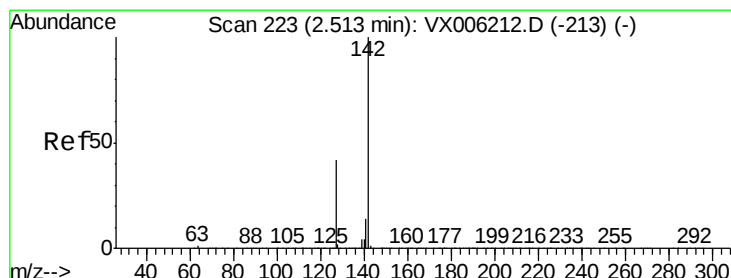
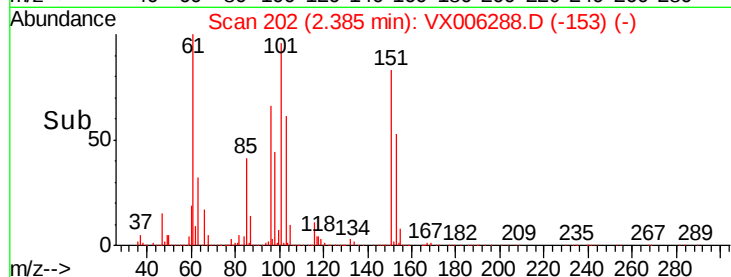
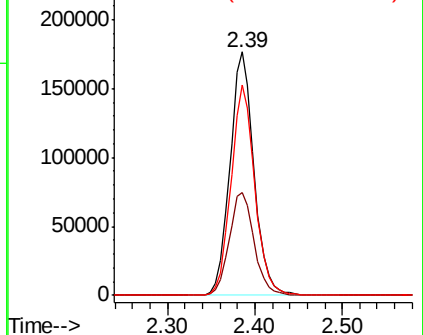
151 85.9 68.6 103.0



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: 34.544 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

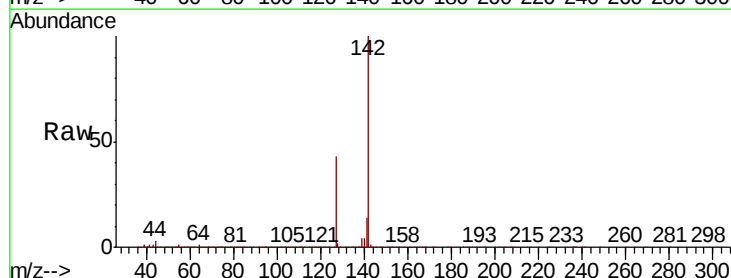
Tgt Ion:142 Resp: 363077

Ion Ratio Lower Upper

142 100

127 43.4 34.8 52.2

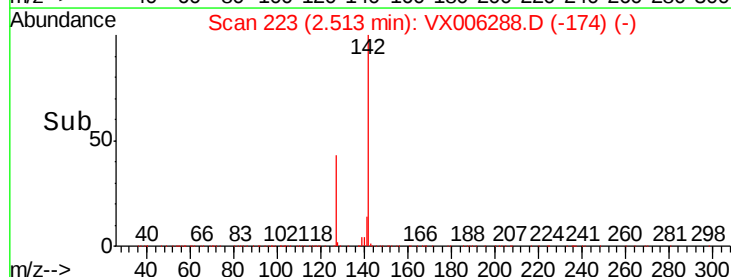
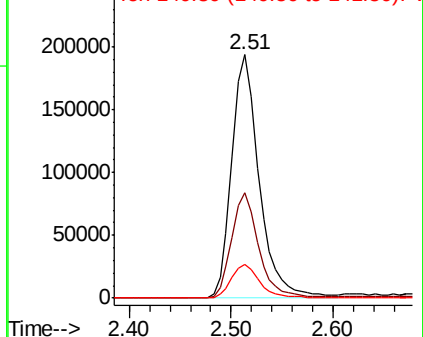
141 14.1 11.4 17.2

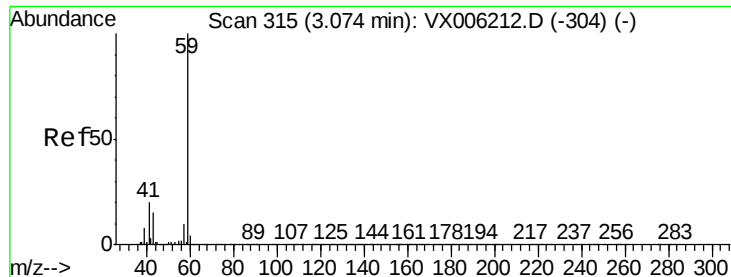


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



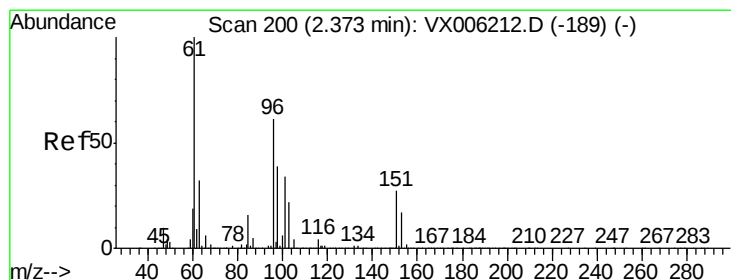
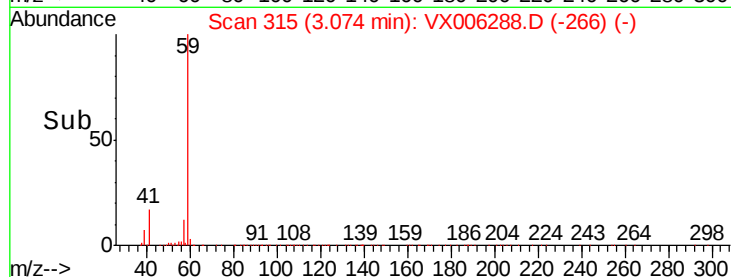
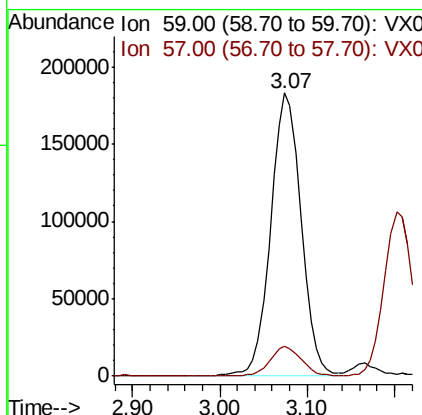
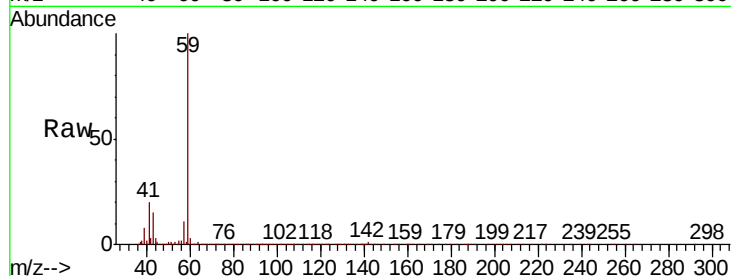


#11

Tert butyl alcohol
Concen: 214.853 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

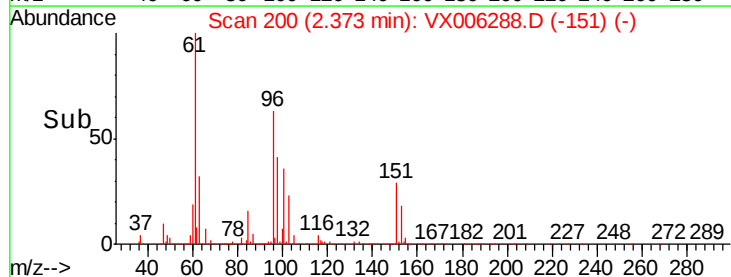
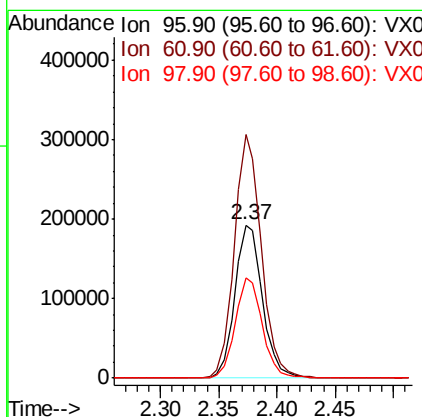
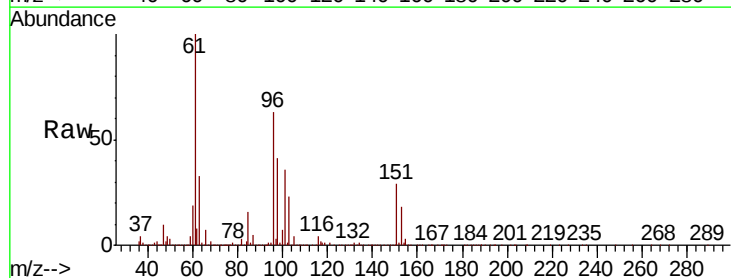
Tot Ion: 59 Resp: 442577
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

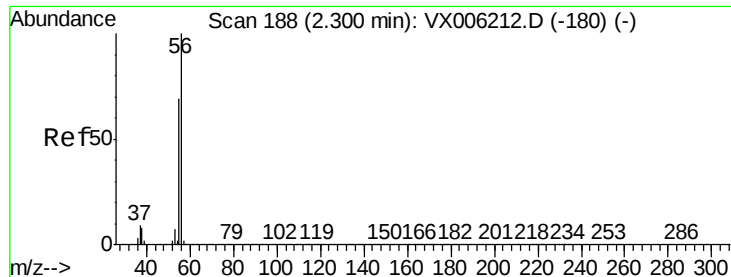


#12

1,1-Dichloroethene
Concen: 47.422 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 96 Resp: 316614
Ion Ratio Lower Upper
96 100
61 159.2 131.7 197.5
98 65.2 51.8 77.6

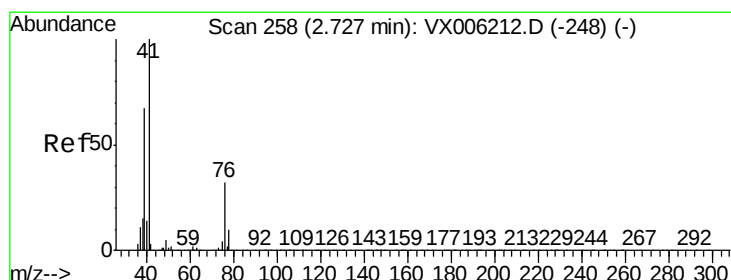
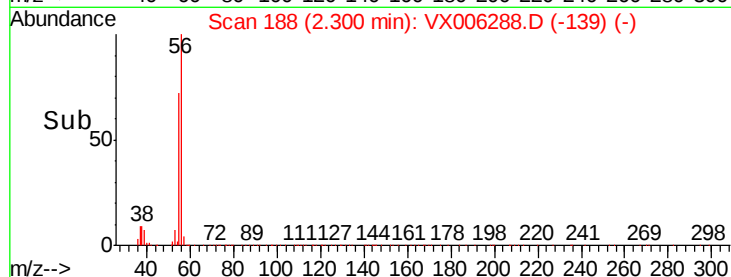
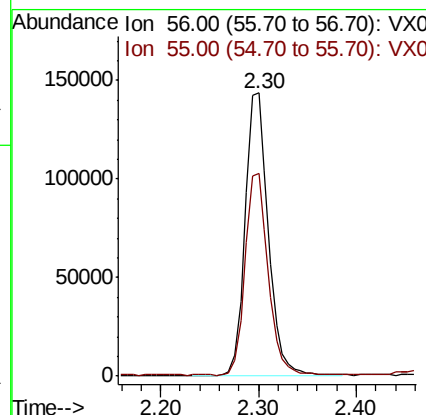
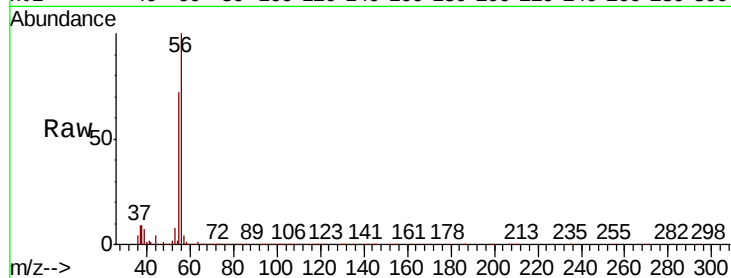




#13
Acrolein
Concen: 208.486 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

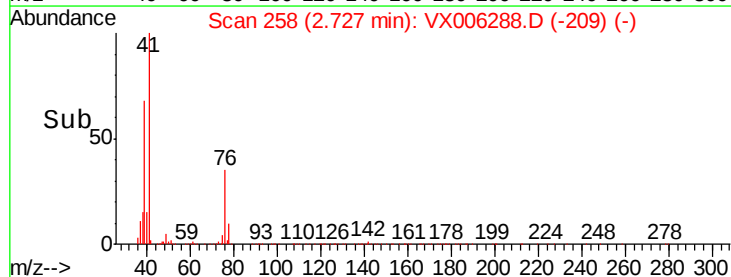
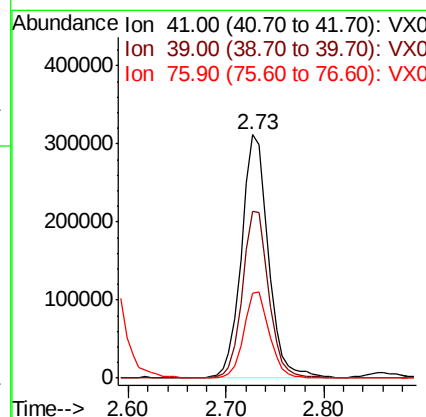
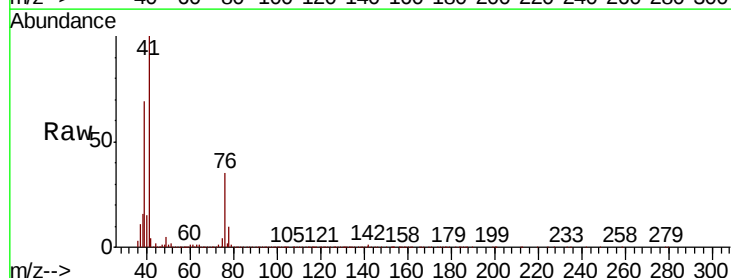
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

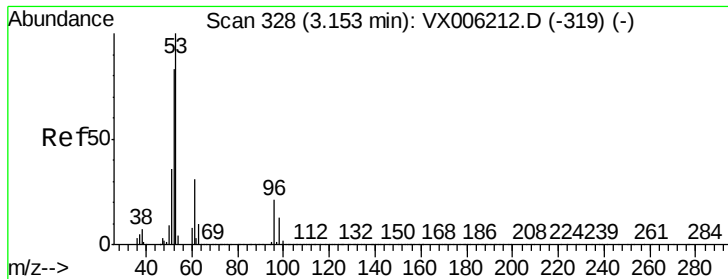
Tot Ion: 56 Resp: 234728
Ion Ratio Lower Upper
56 100
55 71.2 57.8 86.6



#14
Allyl chloride
Concen: 44.964 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 41 Resp: 593025
Ion Ratio Lower Upper
41 100
39 66.7 52.4 78.6
76 33.5 25.4 38.0





#15

Acrylonitrile

Concen: 226.825 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

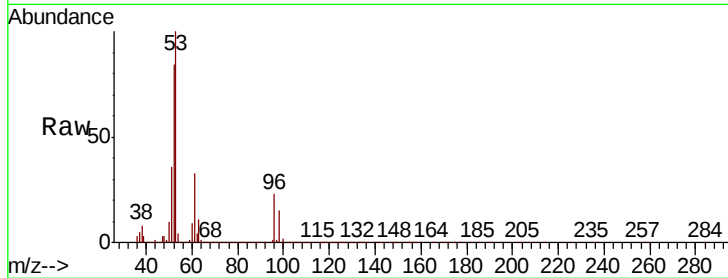
Tot Ion: 53 Resp: 975015

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.4

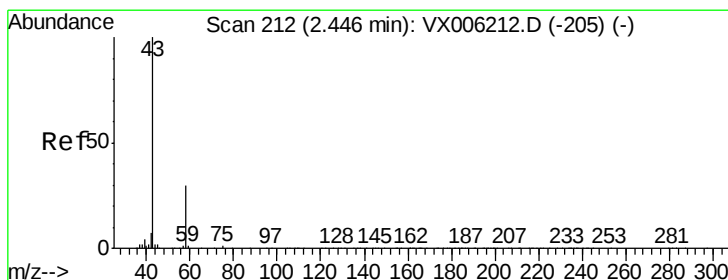
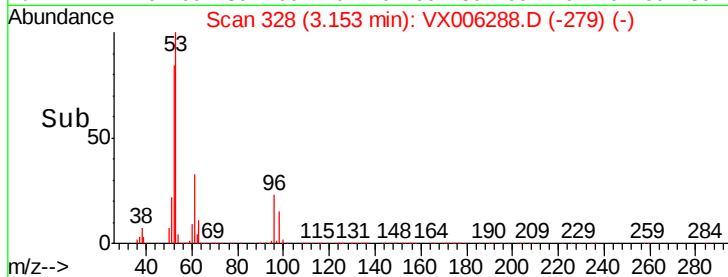
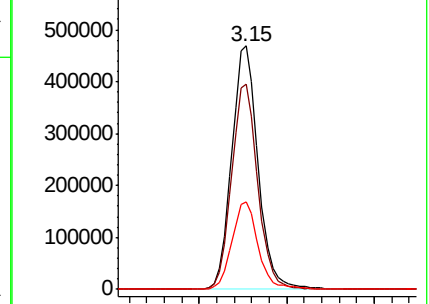
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 233.146 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006288.D

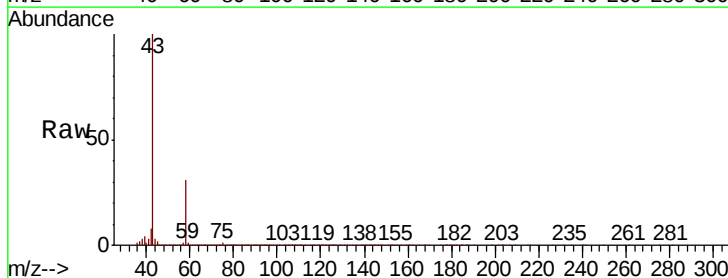
Acq: 04 Dec 2018 19:34

Tgt Ion: 43 Resp: 824135

Ion Ratio Lower Upper

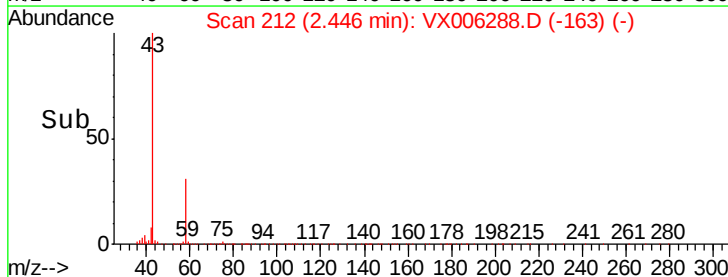
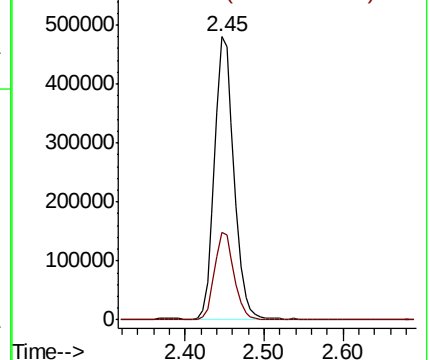
43 100

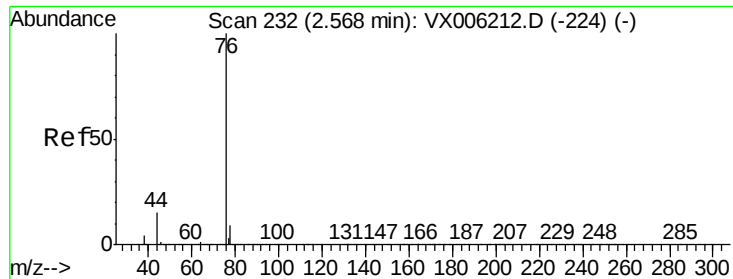
58 31.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.153 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

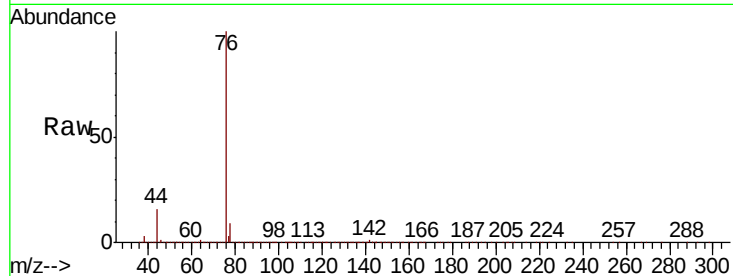
VSTDCCC050EC

Tot Ion: 76 Resp: 908363

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX006212.D (-224) (-)

Ion 77.90 (77.60 to 78.60): VX006212.D (-224) (-)

2.57

500000

400000

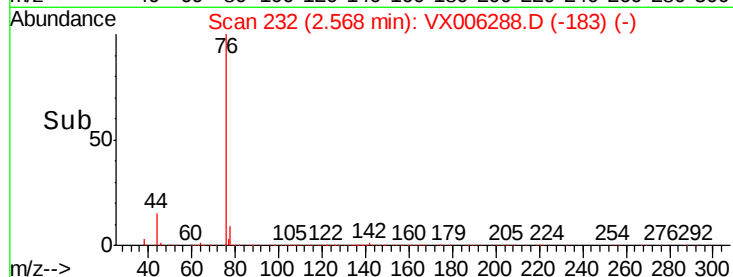
300000

200000

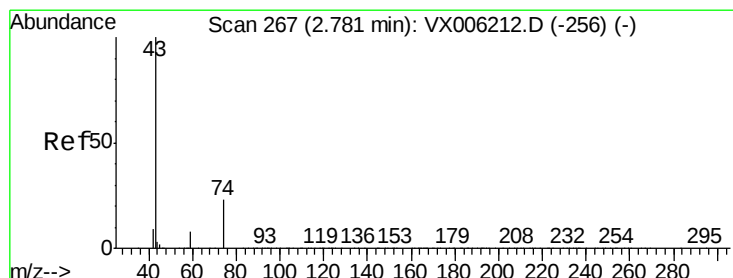
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.850 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006288.D

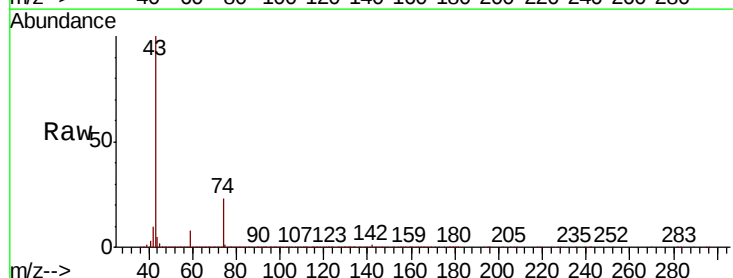
Acq: 04 Dec 2018 19:34

Tgt Ion: 43 Resp: 565645

Ion Ratio Lower Upper

43 100

74 22.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-256) (-)

Ion 74.00 (73.70 to 74.70): VX006212.D (-256) (-)

2.78

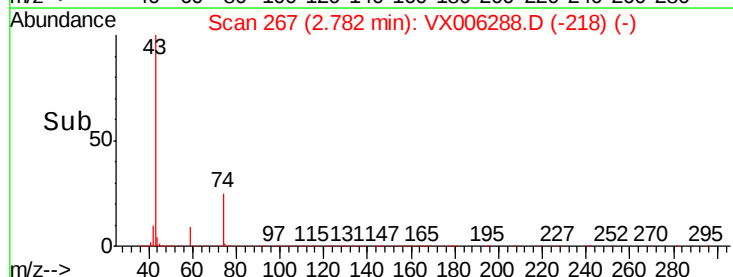
300000

200000

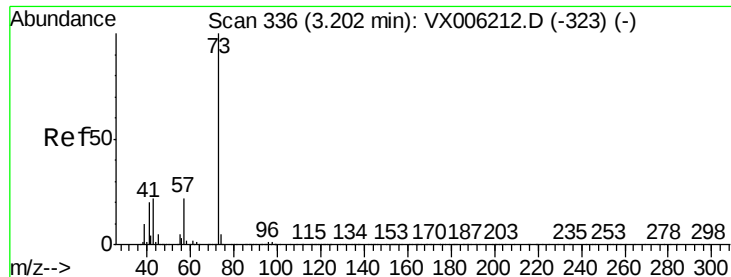
100000

0

Time-->



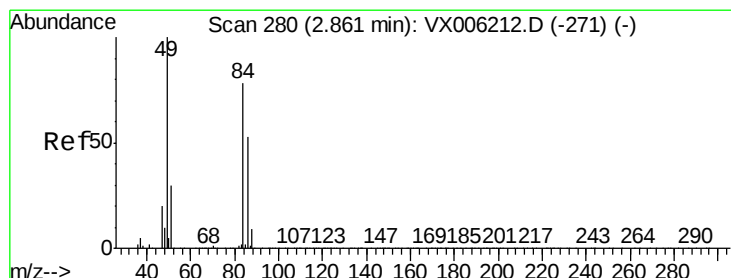
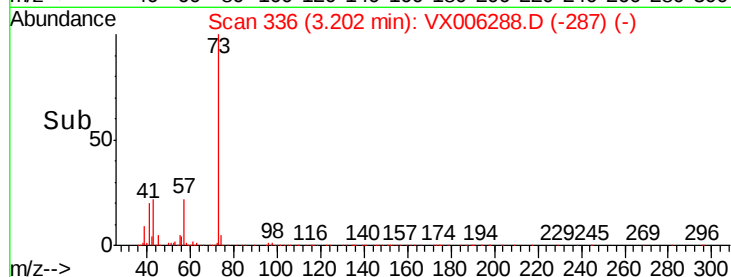
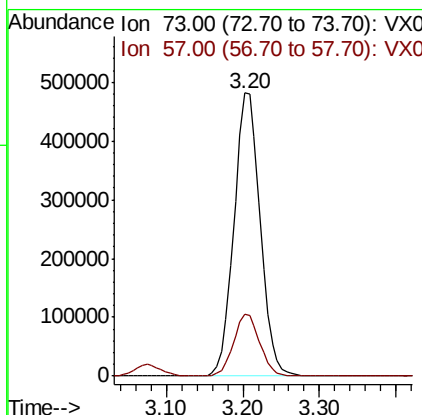
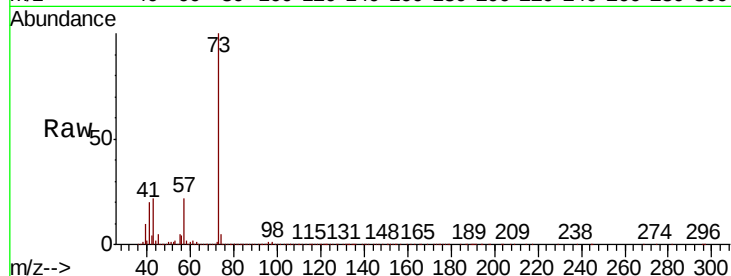
Time-->



#19
Methvl tert-butvl Ether
Concen: 47.841 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

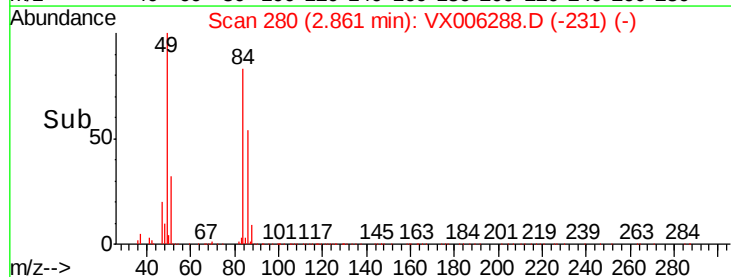
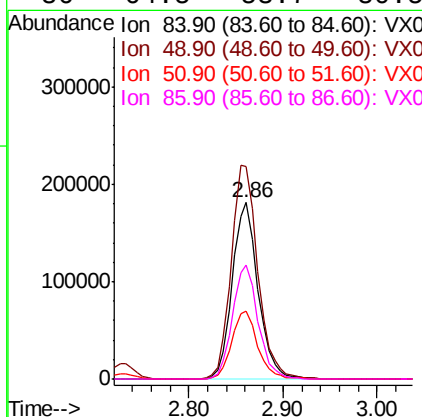
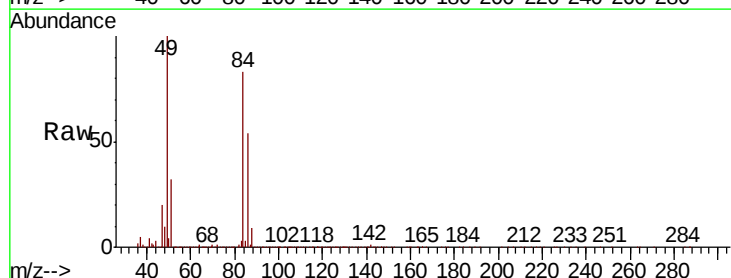
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1139479
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 45.545 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 84 Resp: 342632
Ion Ratio Lower Upper
84 100
49 120.3 102.2 153.4
51 38.5 31.1 46.7
86 64.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.846 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

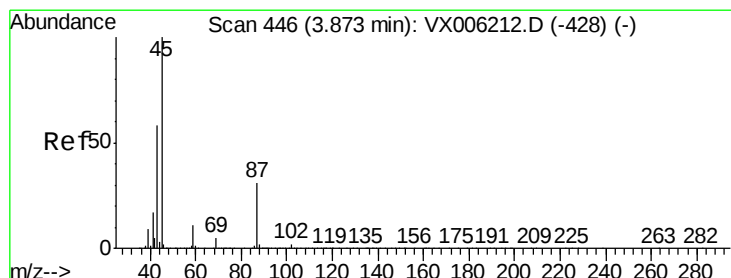
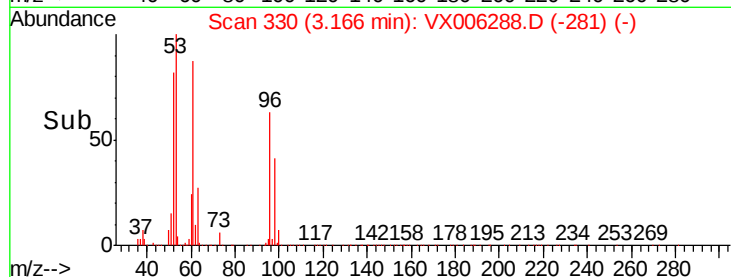
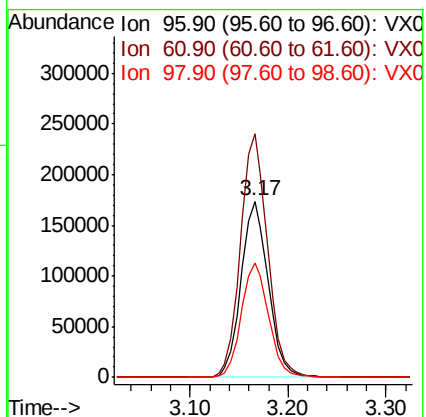
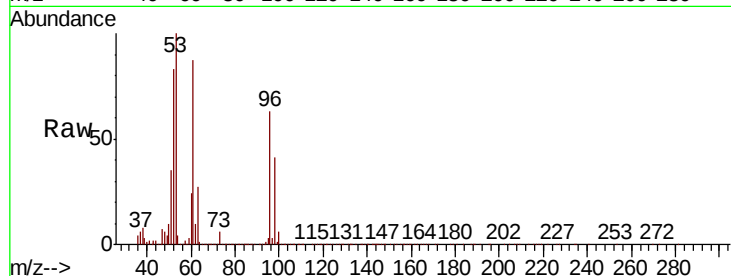
Tot Ion: 96 Resp: 333308

Ion Ratio Lower Upper

96 100

61 138.2 113.3 169.9

98 64.9 53.2 79.8



#22

Diisopropyl ether

Concen: 48.998 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion: 45 Resp: 1009387

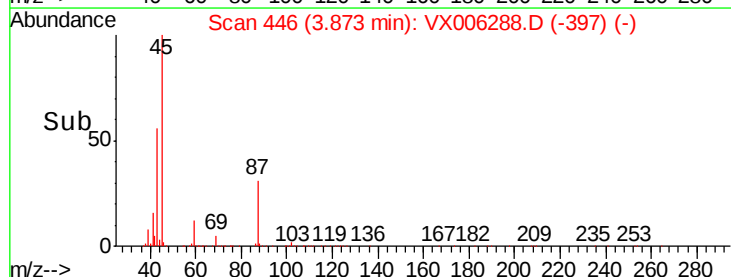
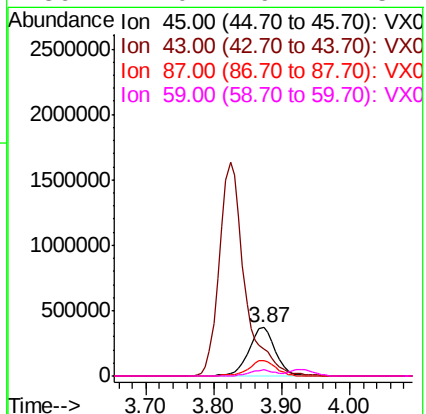
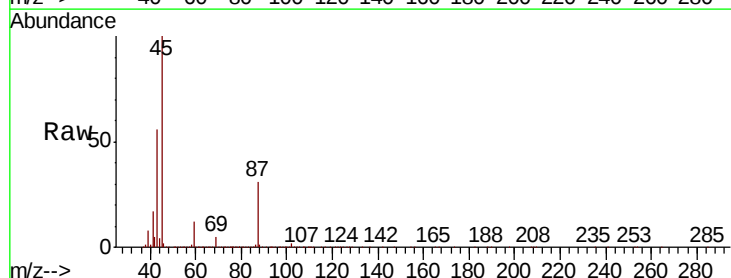
Ion Ratio Lower Upper

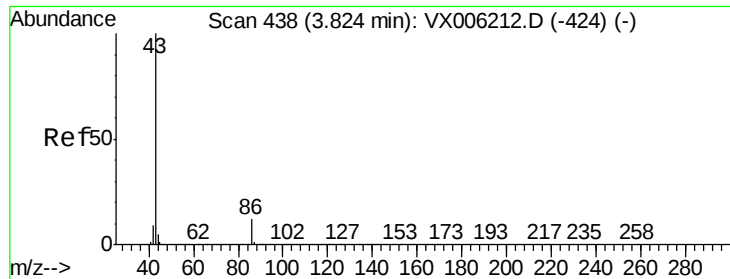
45 100

43 56.1 46.2 69.2

87 31.3 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 241.760 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

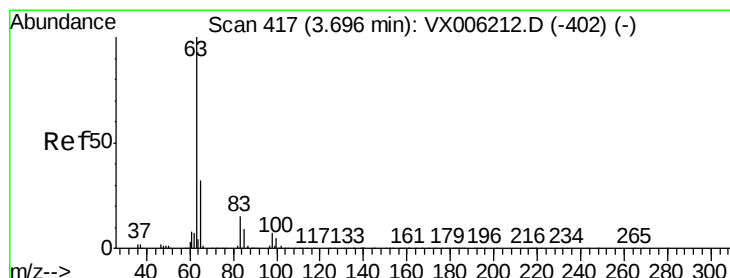
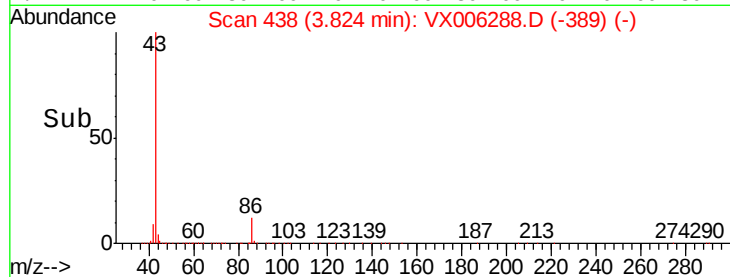
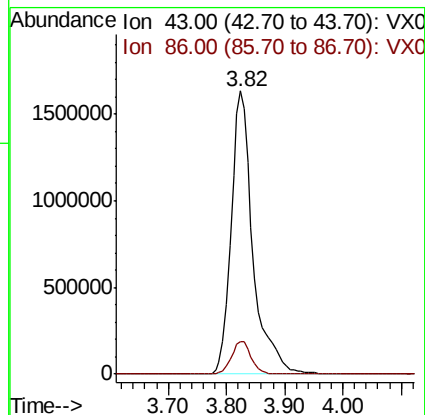
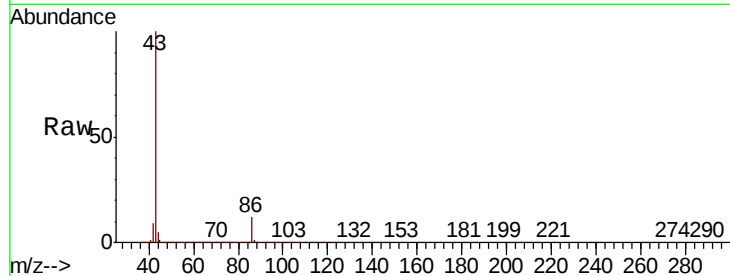
VSTDCCC050EC

Tot Ion: 43 Resp: 4247812

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



#24

1,1-Dichloroethane

Concen: 48.784 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

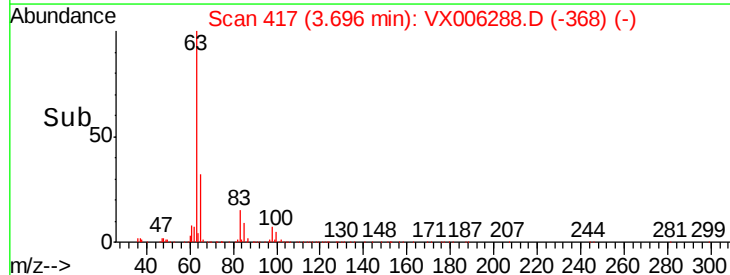
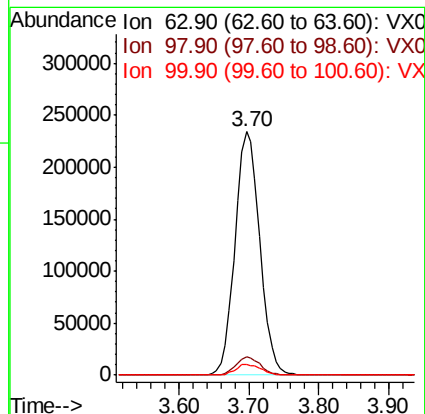
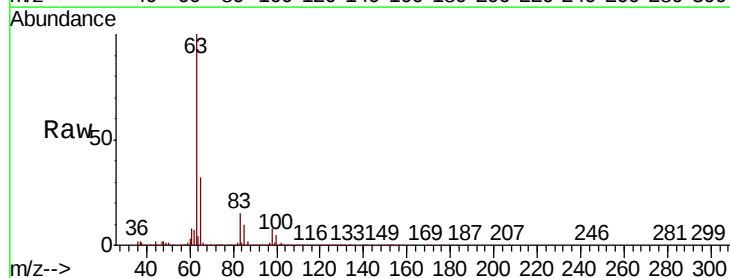
Tgt Ion: 63 Resp: 574418

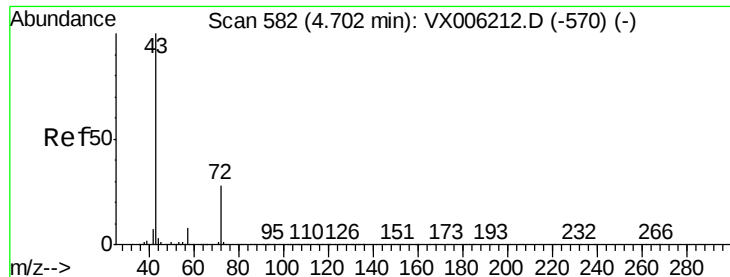
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 234.771 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

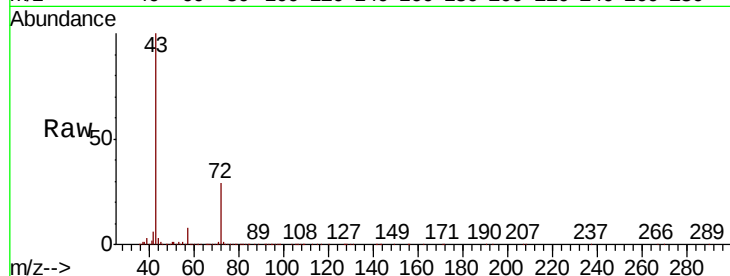
VSTDCCC050EC

Tot Ion: 43 Resp: 1184117

Ion Ratio Lower Upper

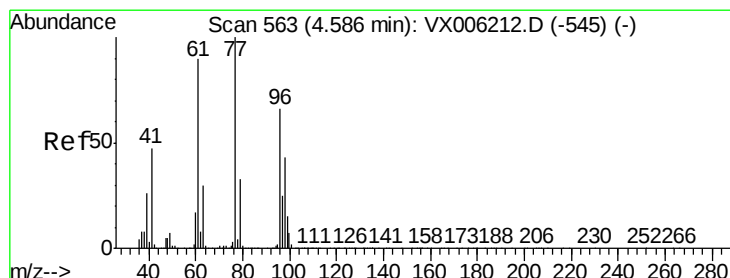
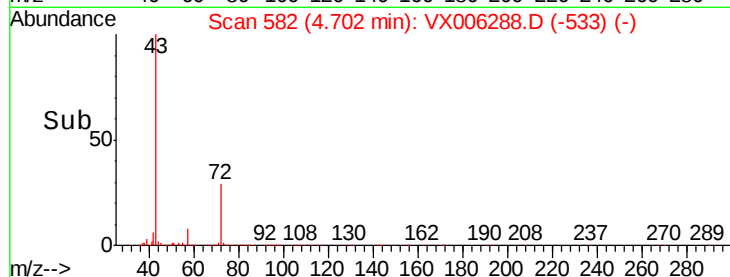
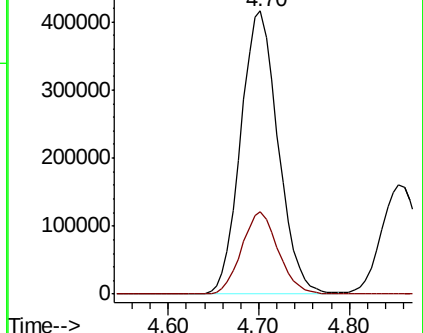
43 100

72 29.0 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: 45.294 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006288.D

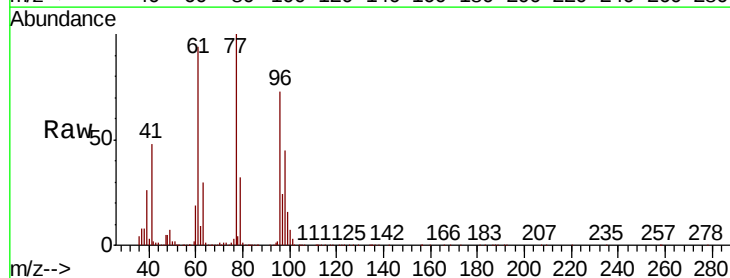
Acq: 04 Dec 2018 19:34

Tgt Ion: 77 Resp: 492198

Ion Ratio Lower Upper

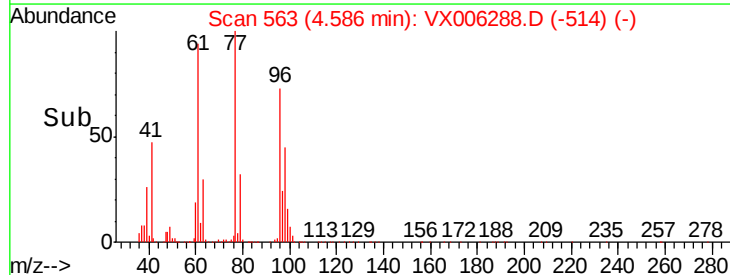
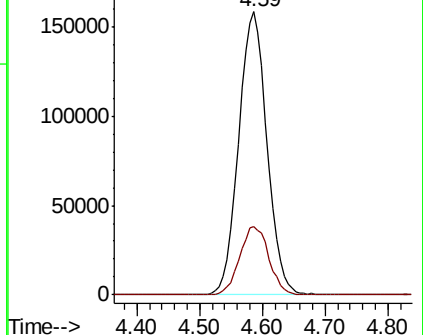
77 100

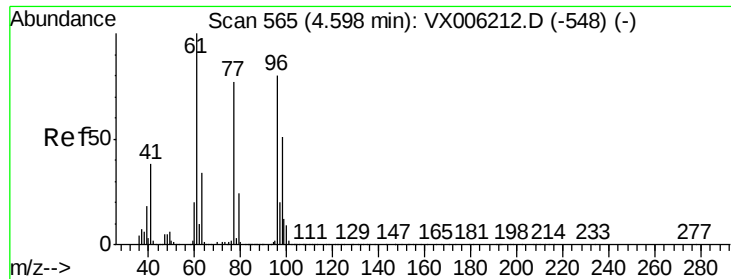
97 25.1 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



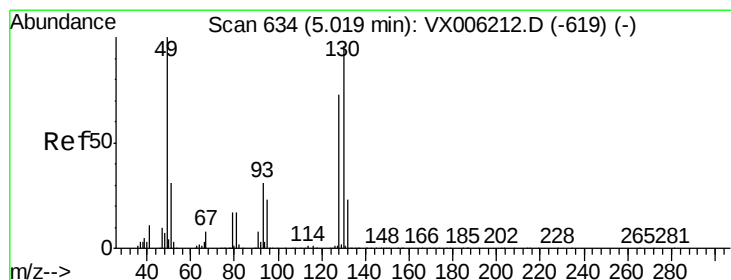
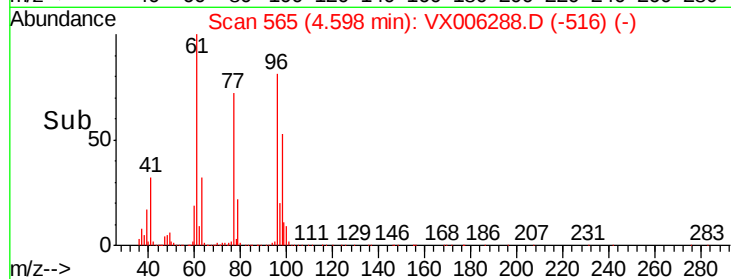
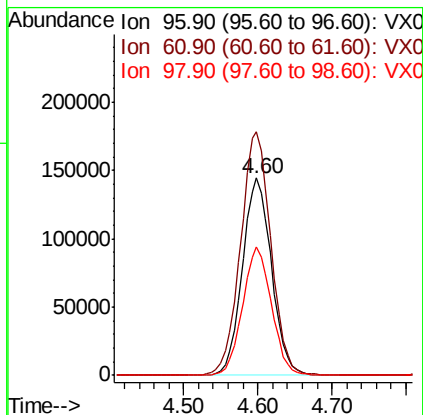
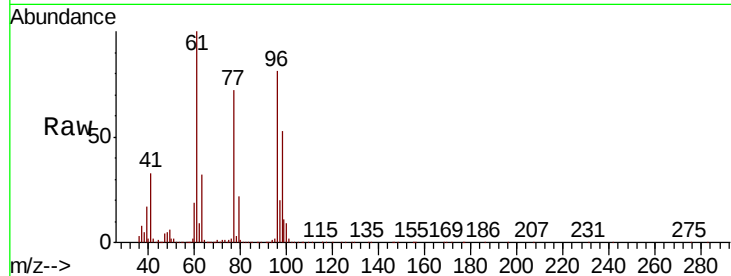


#27

cis-1,2-Dichloroethene
Concen: 49.954 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

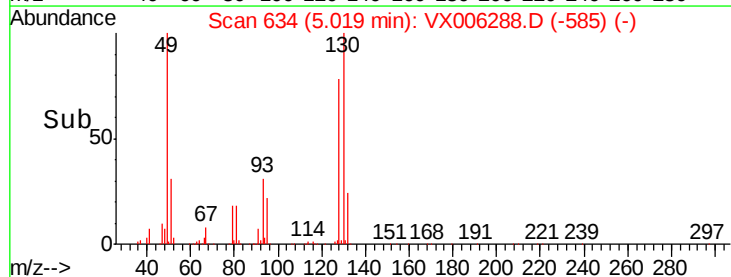
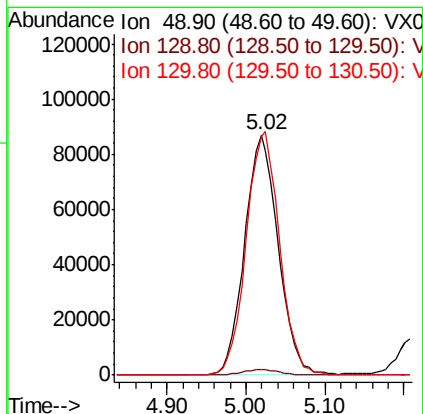
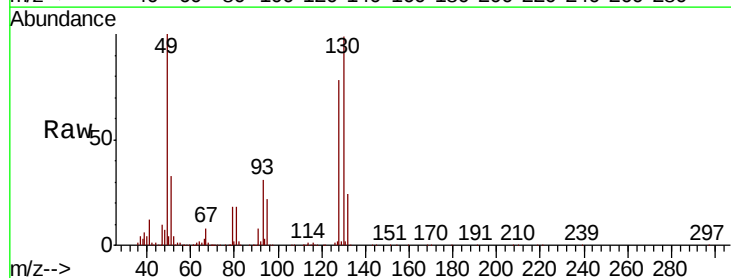
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	265.0
98	64.8	0.0	130.2

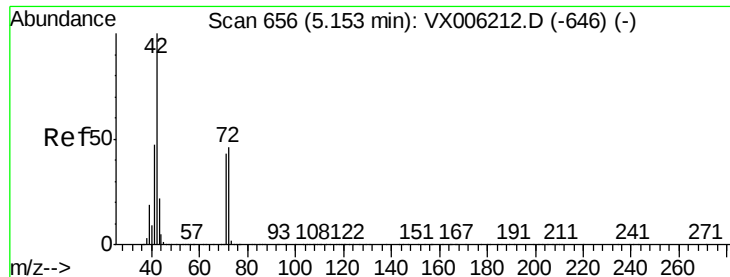


#28

Bromochloromethane
Concen: 50.079 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	100.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 229.844 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

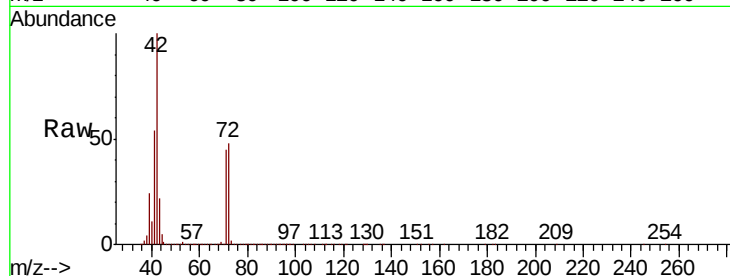
Tot Ion: 42 Resp: 805689

Ion Ratio Lower Upper

42 100

72 48.2 37.8 56.8

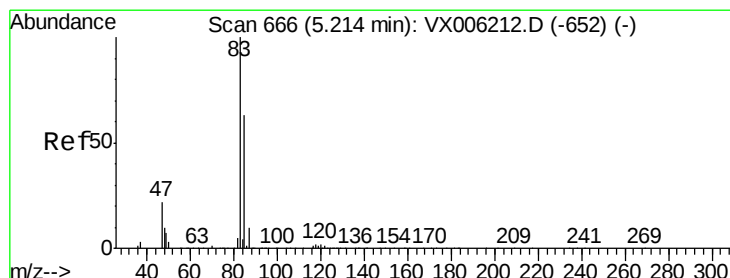
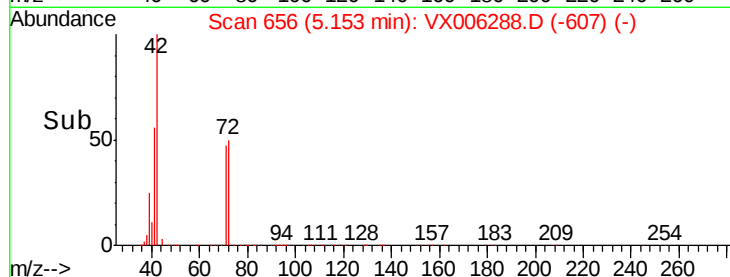
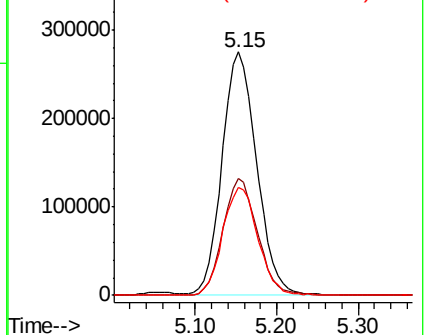
71 45.4 35.2 52.8



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: 49.053 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006288.D

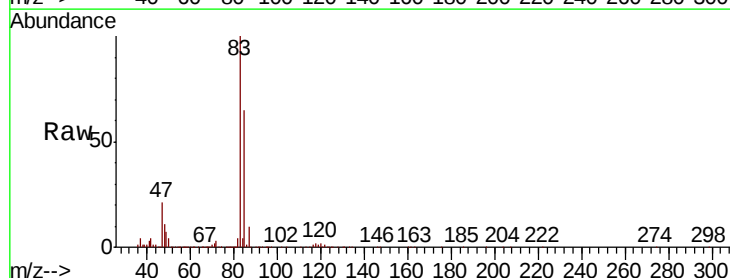
Acq: 04 Dec 2018 19:34

Tgt Ion: 83 Resp: 606972

Ion Ratio Lower Upper

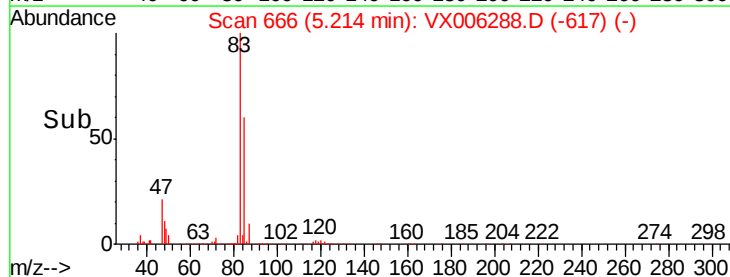
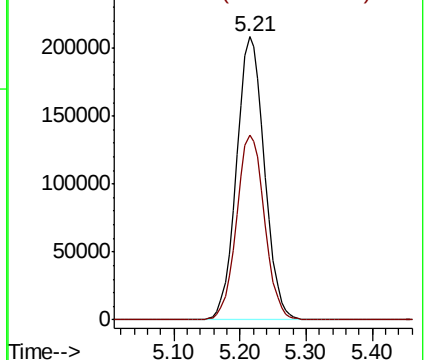
83 100

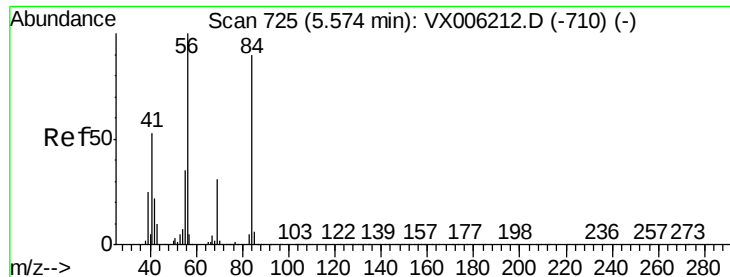
85 65.3 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

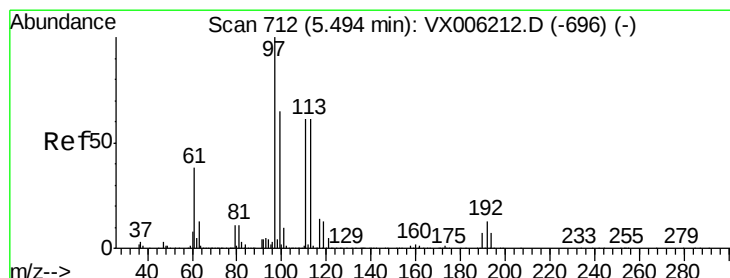
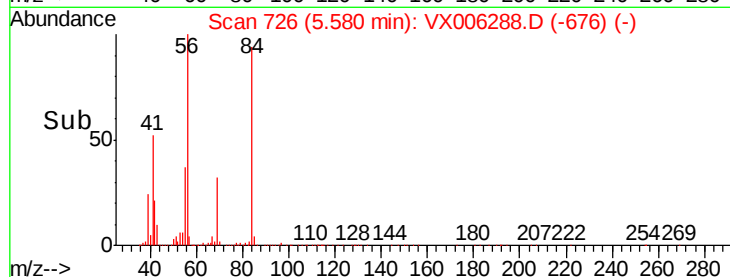
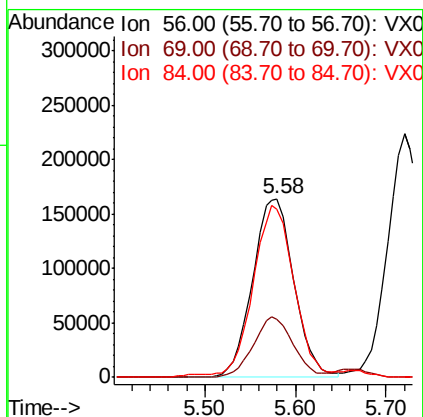
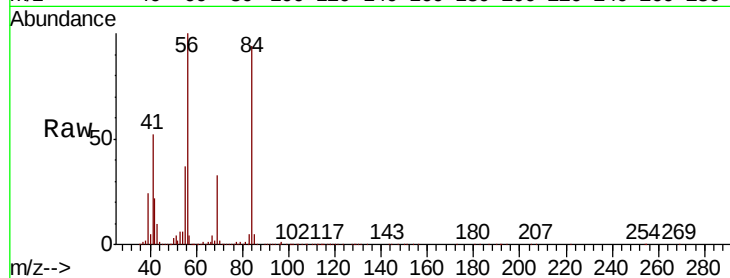




#31
Cyclohexane
Concen: 47.365 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

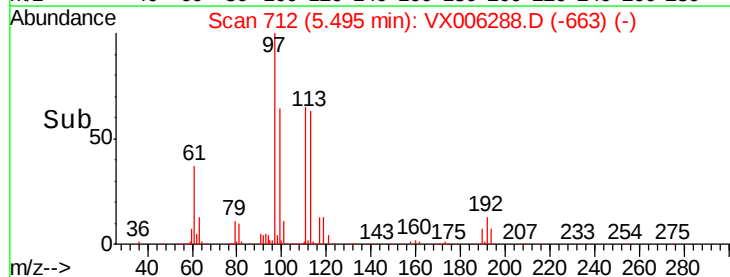
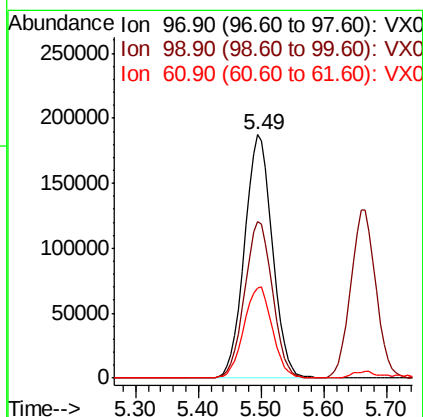
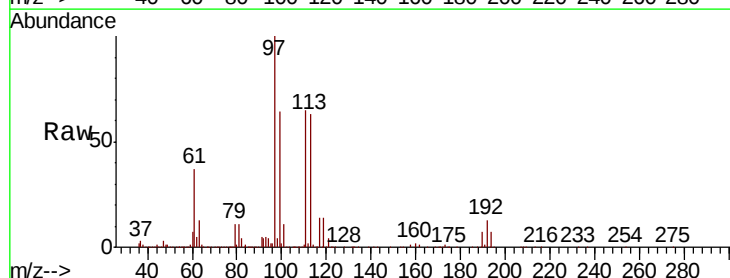
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

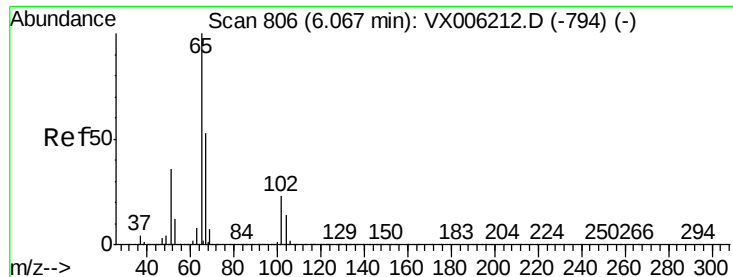
Tot Ion: 56 Resp: 515406
Ion Ratio Lower Upper
56 100
69 32.4 24.5 36.7
84 92.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.725 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 97 Resp: 573643
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 38.4 30.6 46.0

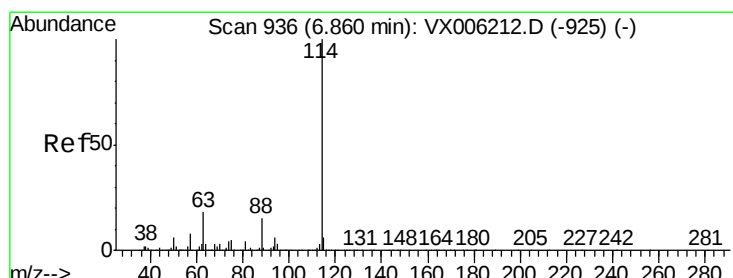
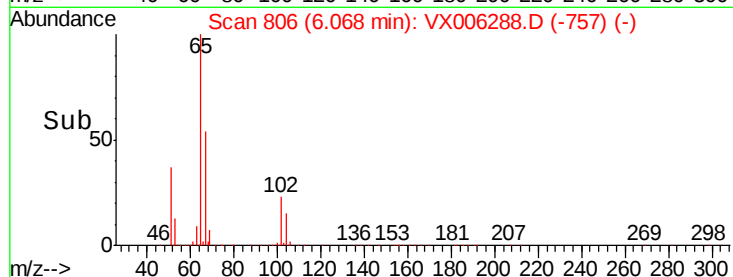
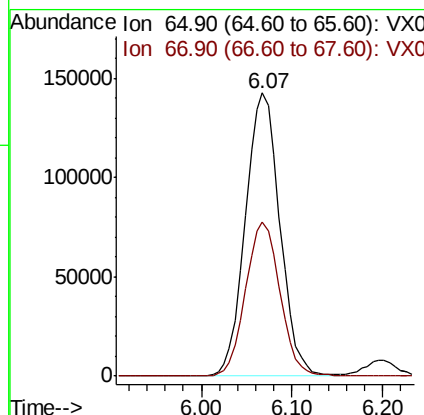
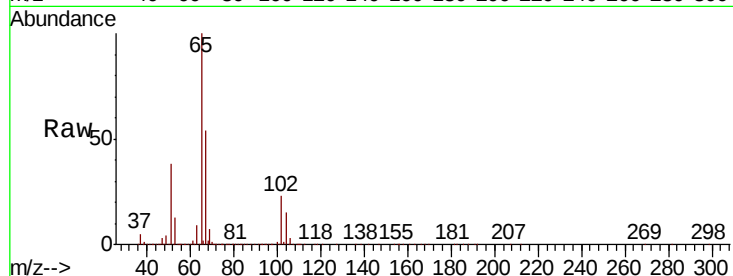




#33
 1,2-Dichloroethane-d4
 Concen: 49.795 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

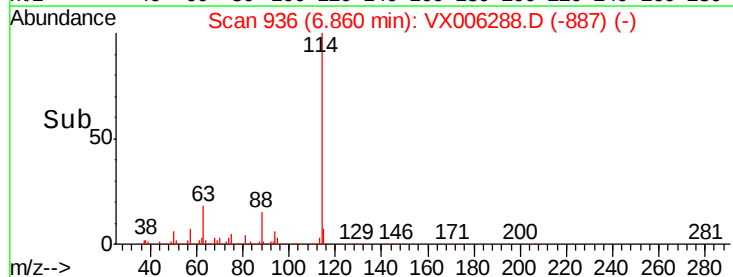
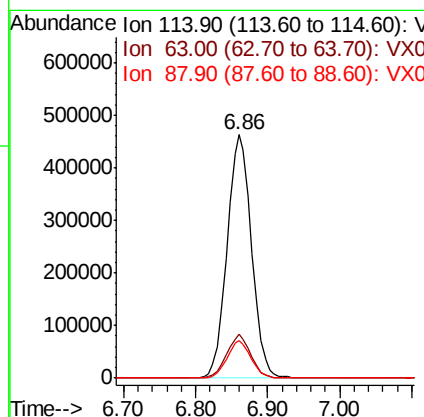
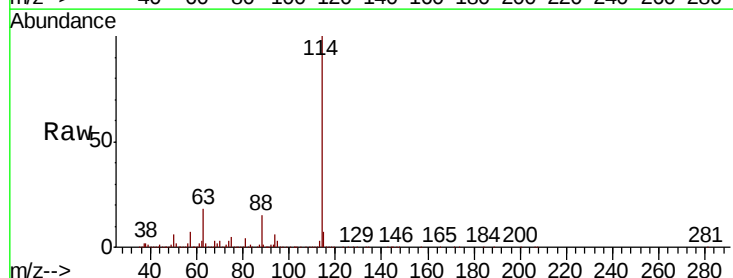
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

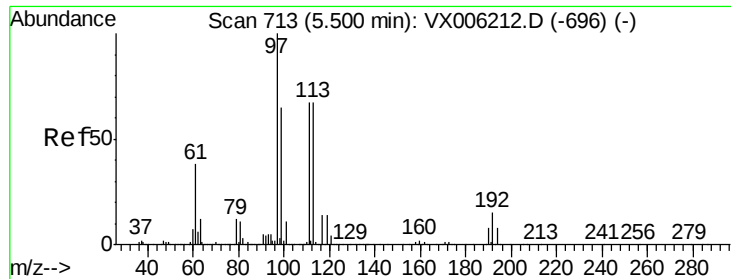
Tot Ion: 65 Resp: 375070
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion: 114 Resp: 1092968
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.6
 88 15.4 0.0 29.0

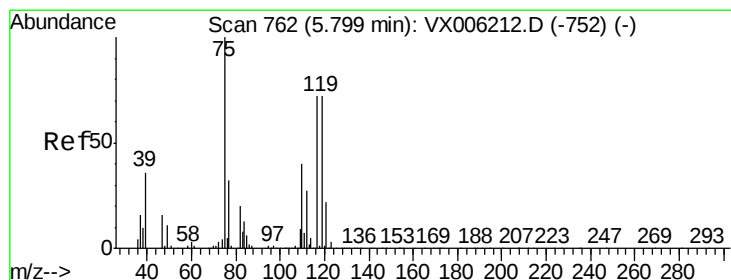
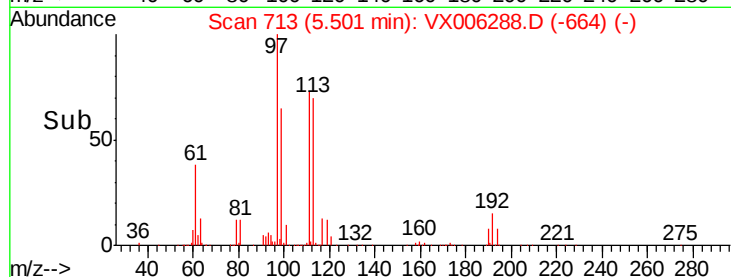
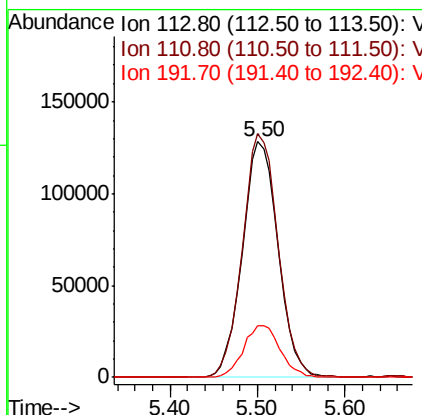
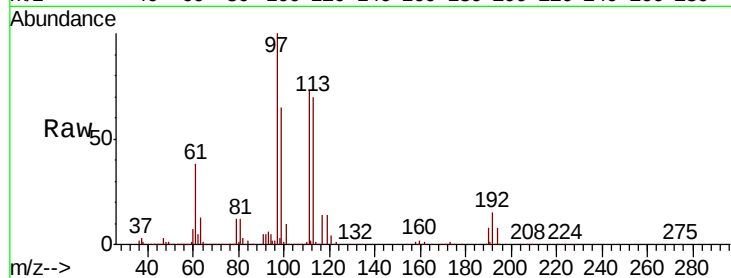




#35
 Dibromofluoromethane
 Concen: 51.546 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

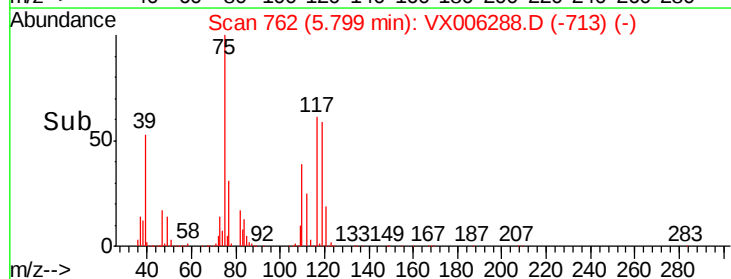
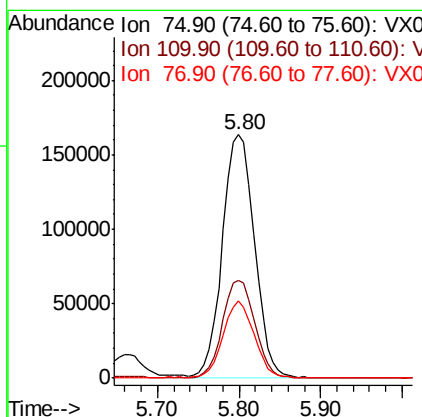
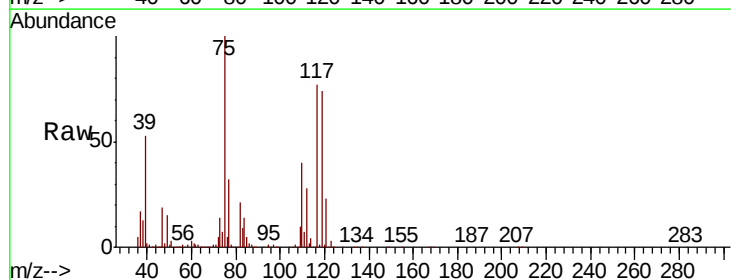
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

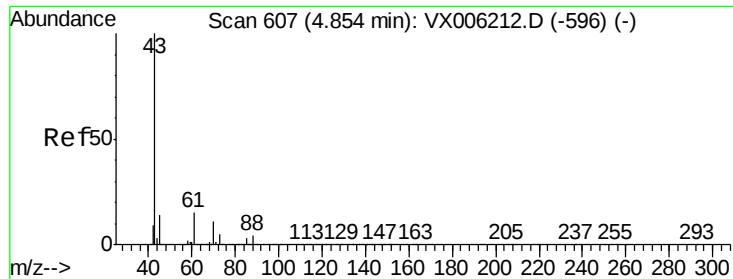
Tot Ion:113 Resp: 364765
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 22.6 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 48.297 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion: 75 Resp: 444518
 Ion Ratio Lower Upper
 75 100
 110 40.8 20.4 61.3
 77 30.0 24.9 37.3

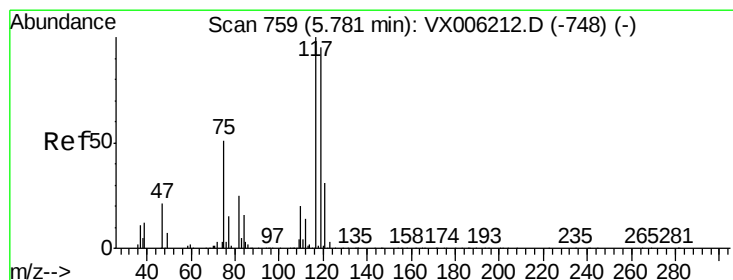
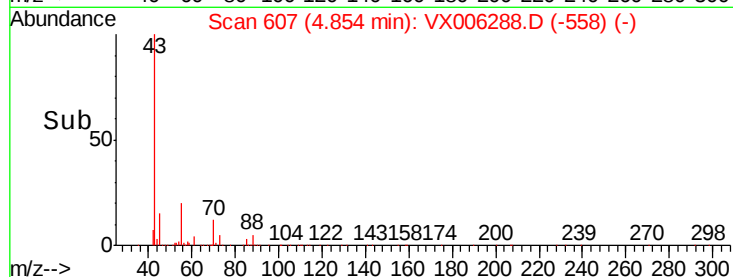
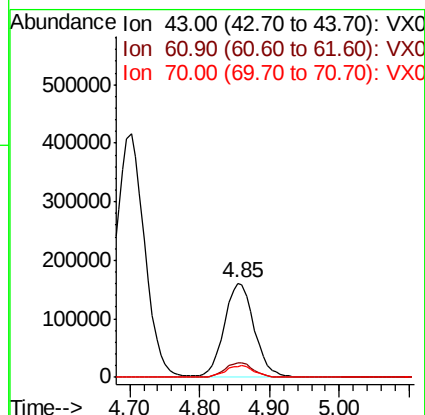
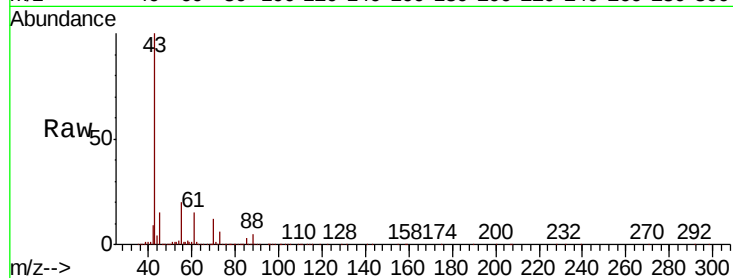




#37
Ethyl Acetate
Concen: 46.192 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

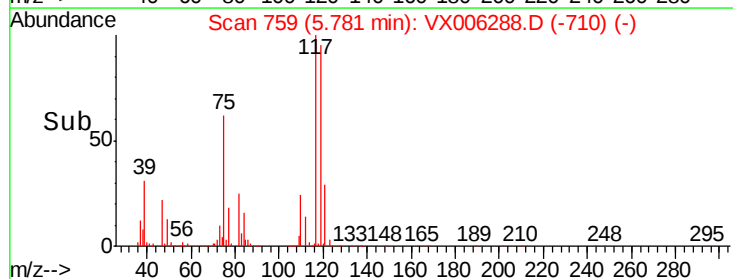
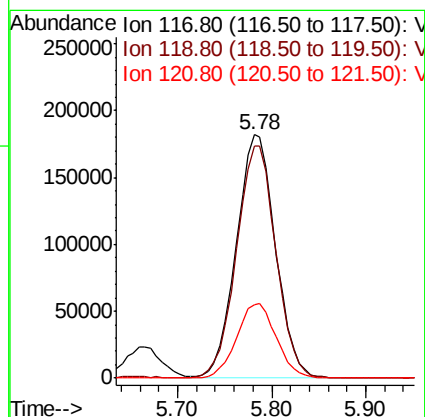
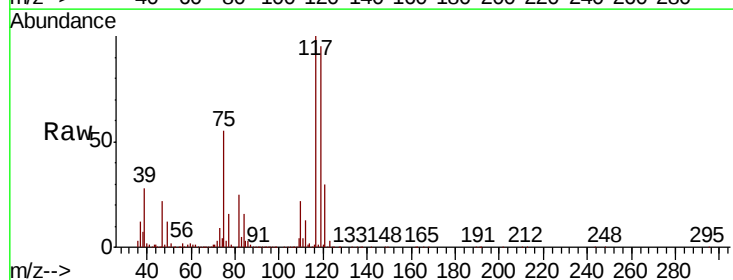
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

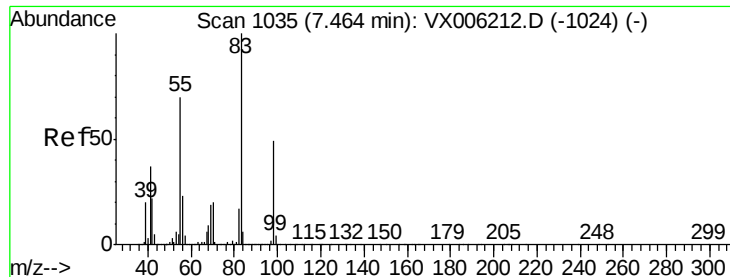
Tot Ion: 43 Resp: 476111
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.646 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 117 Resp: 526724
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
121 30.0 24.6 37.0

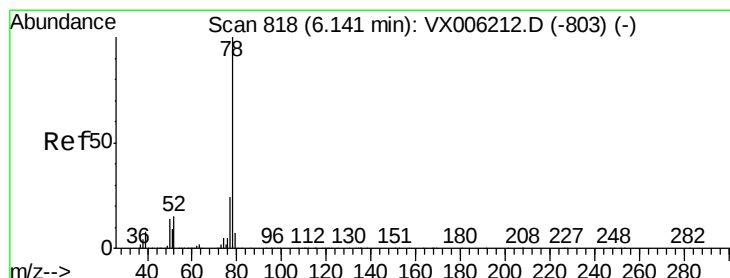
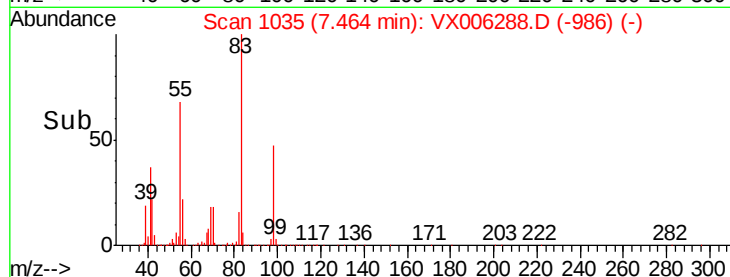
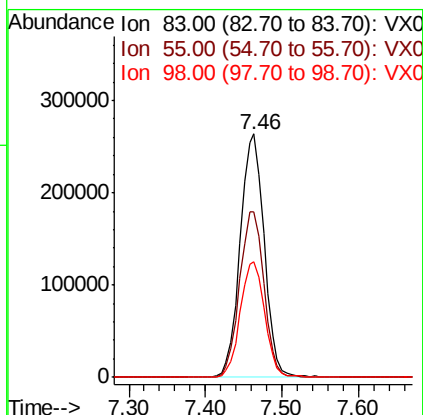
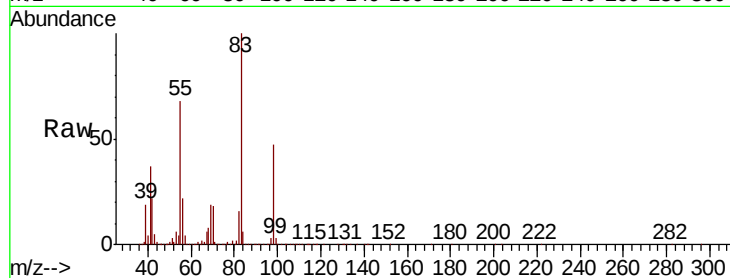




#39
Methvlcvclohexane
Concen: 48.098 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

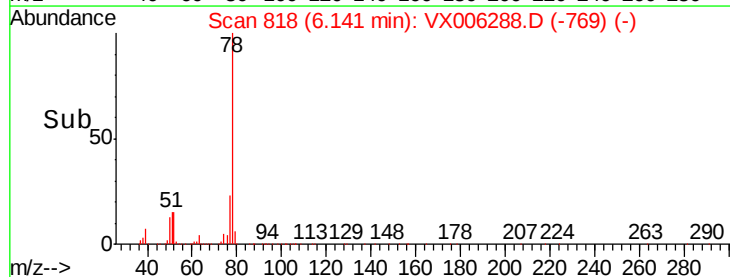
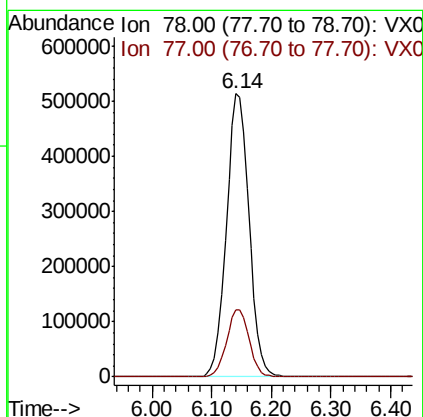
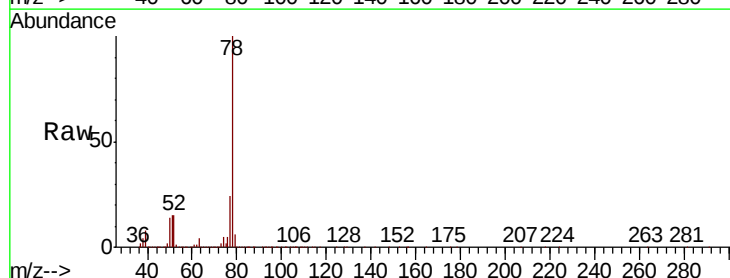
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

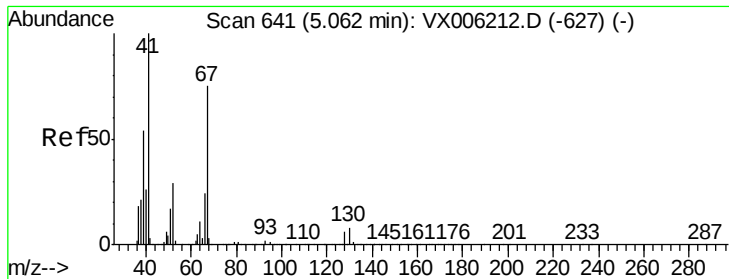
Tot Ion: 83 Resp: 574630
Ion Ratio Lower Upper
83 100
55 68.2 56.4 84.6
98 47.3 39.0 58.6



#40
Benzene
Concen: 49.050 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 78 Resp: 1352148
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 45.653 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 258922

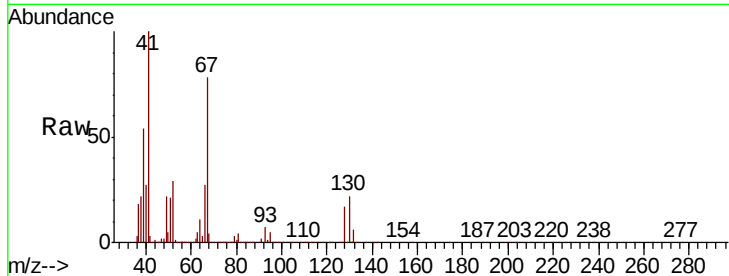
Ion Ratio Lower Upper

41 100

39 55.0 44.0 66.0

67 79.6 61.4 92.0

52 29.2 23.5 35.3

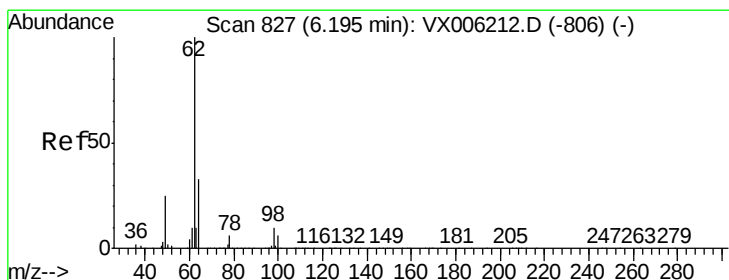
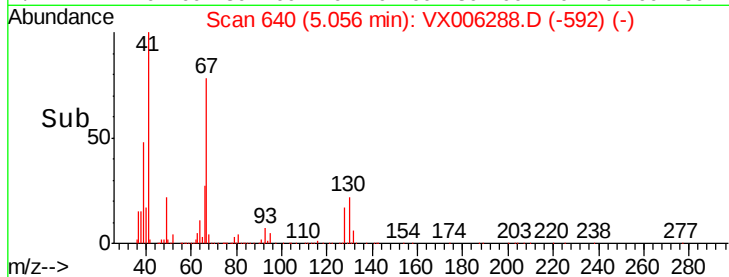
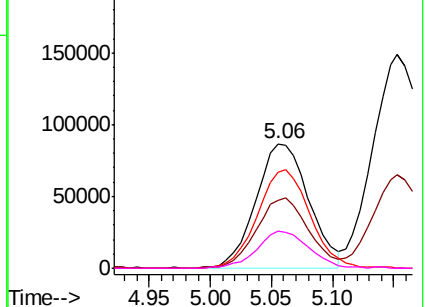


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.445 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006288.D

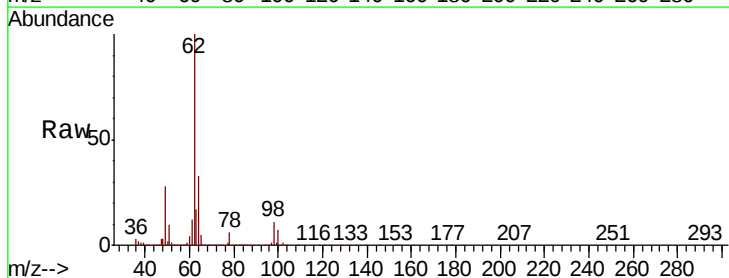
Acq: 04 Dec 2018 19:34

Tgt Ion: 62 Resp: 446090

Ion Ratio Lower Upper

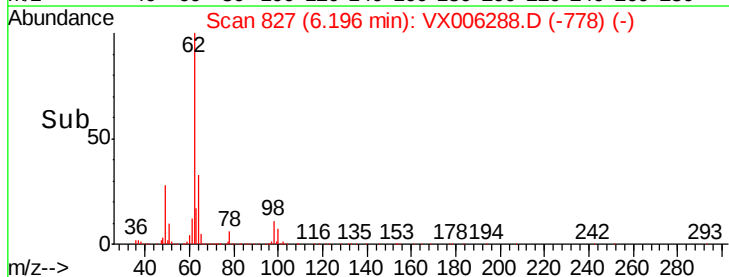
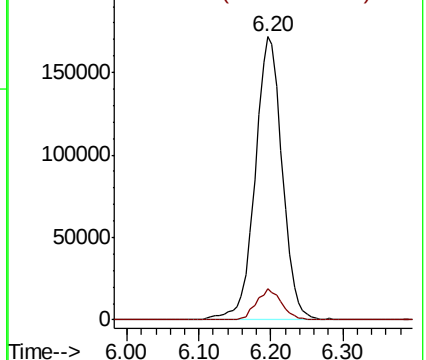
62 100

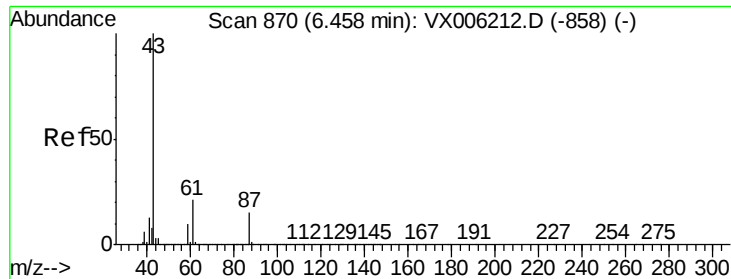
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



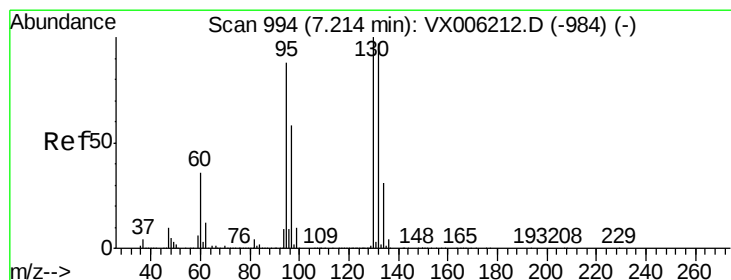
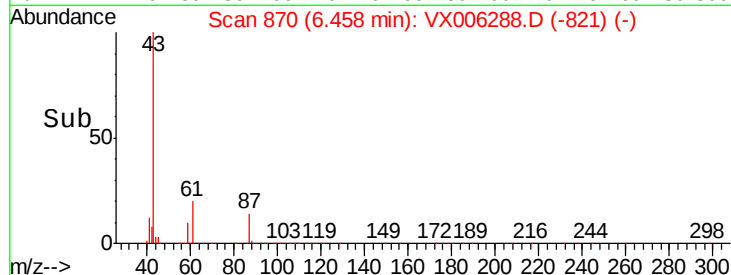
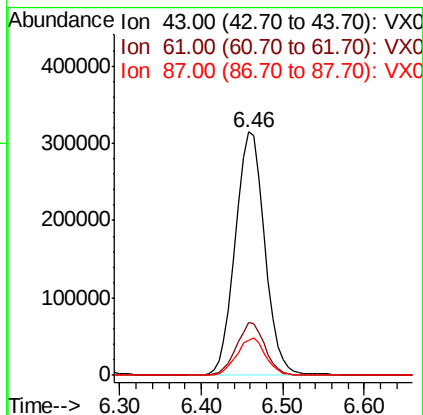
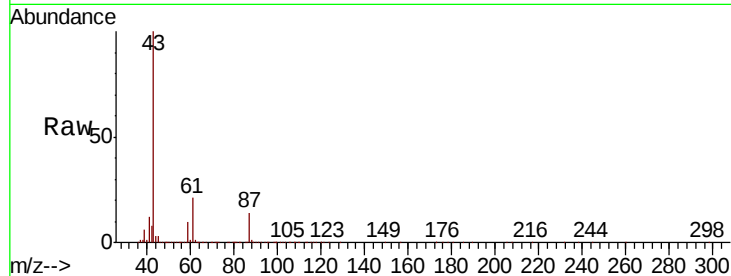


#43

Isopropyl Acetate
 Concen: 45.520 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

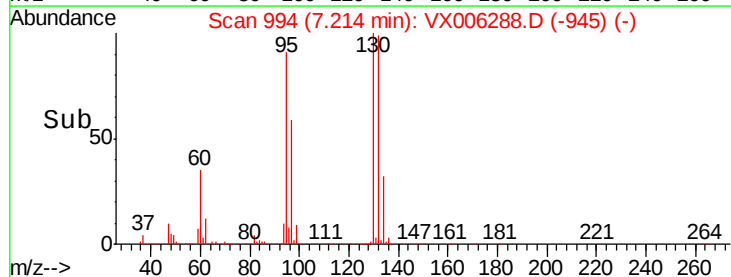
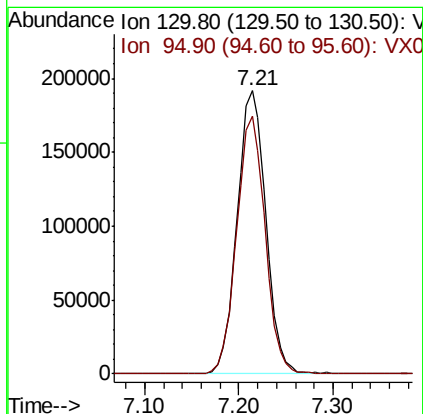
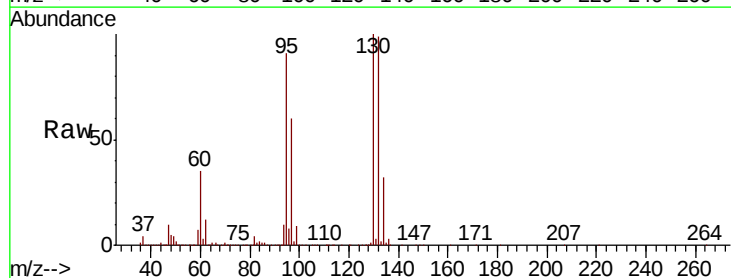
Tot Ion	43	Resp	782256
Ion Ratio	Lower	Upper	
43	100		
61	21.2	16.8	25.2
87	15.1	11.9	17.9



#44

Trichloroethene
 Concen: 48.852 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	130	Resp	407970
Ion Ratio	Lower	Upper	
130	100		
95	91.1	0.0	175.8

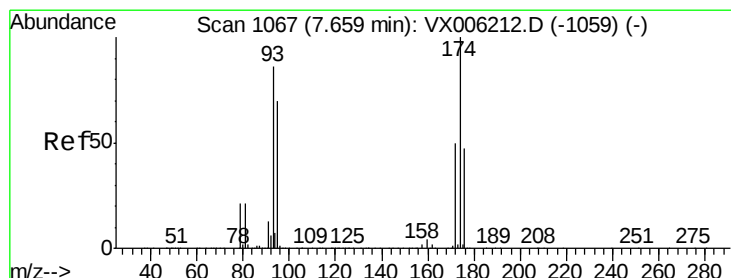
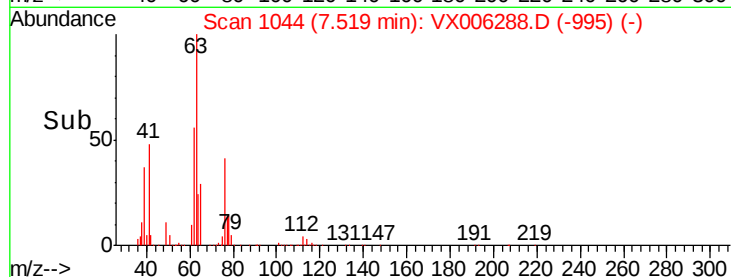
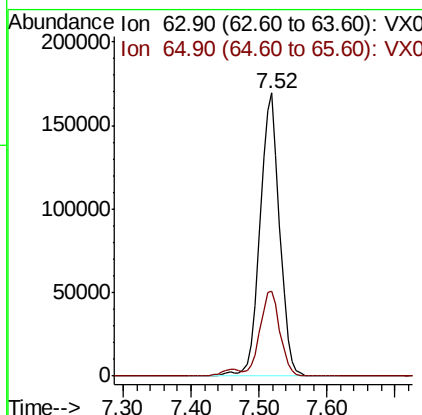
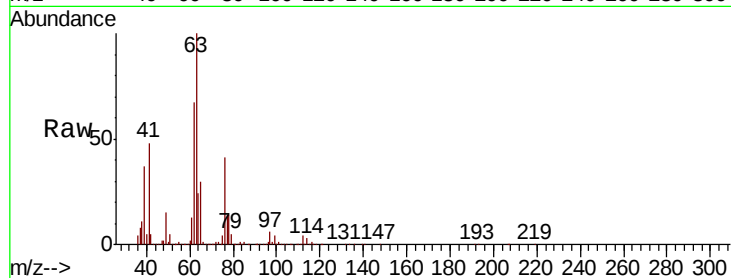




#45
 1,2-Dichloropropane
 Concen: 48.773 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

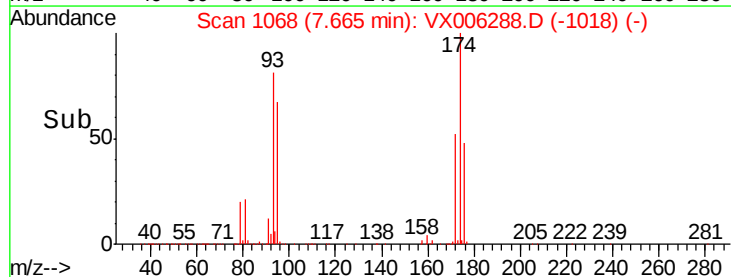
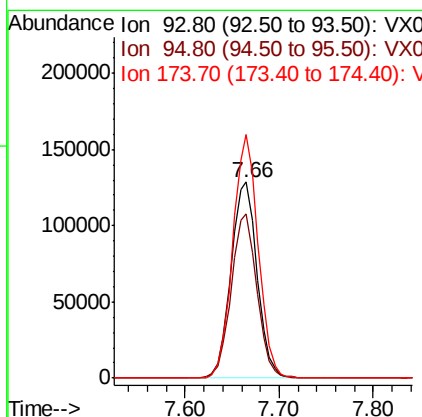
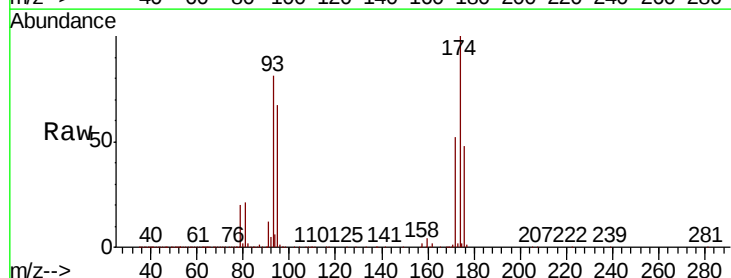
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

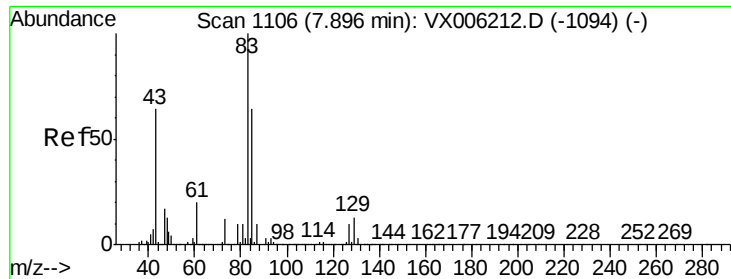
Tot Ion: 63 Resp: 341706
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.3 36.5



#46
 Dibromomethane
 Concen: 48.818 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion: 93 Resp: 247016
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.2 99.4
 174 120.9 97.2 145.8





#47

Bromodichloromethane

Concen: 48.837 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

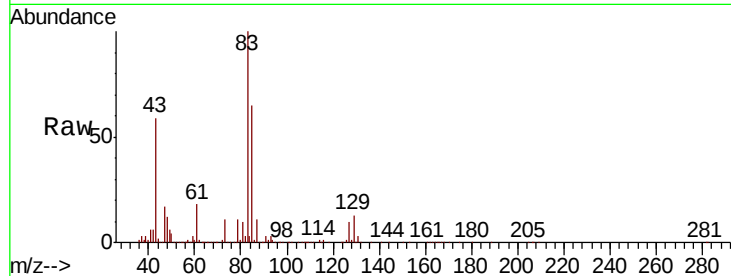
Tot Ion: 83 Resp: 478541

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

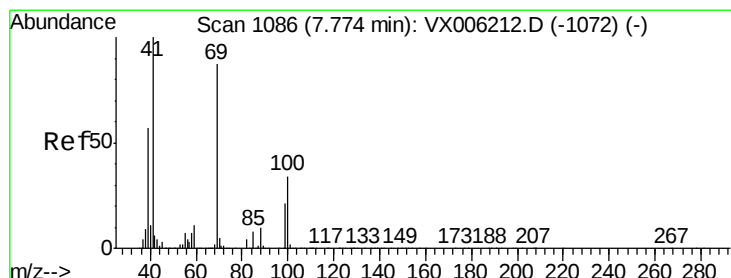
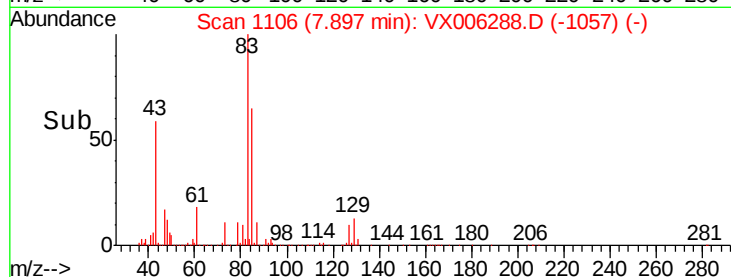
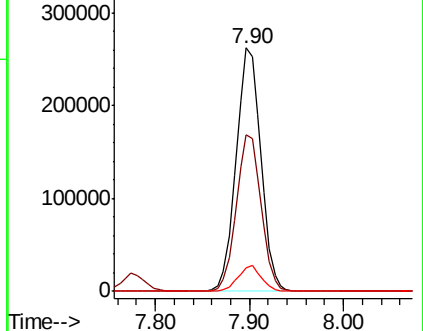
127 9.6 7.9 11.9



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: 45.643 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

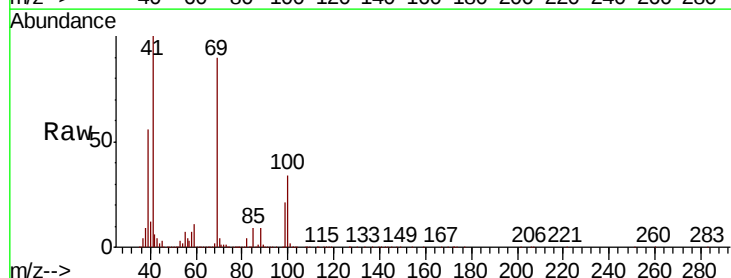
Tgt Ion: 41 Resp: 381593

Ion Ratio Lower Upper

41 100

69 91.6 70.3 105.5

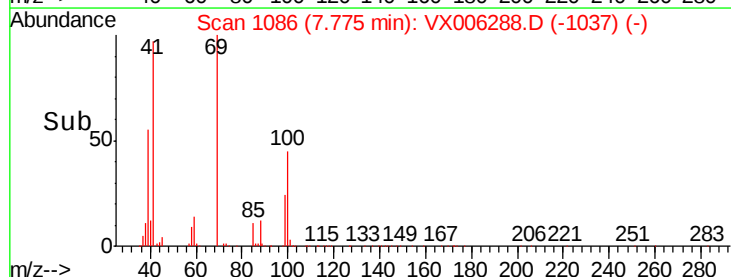
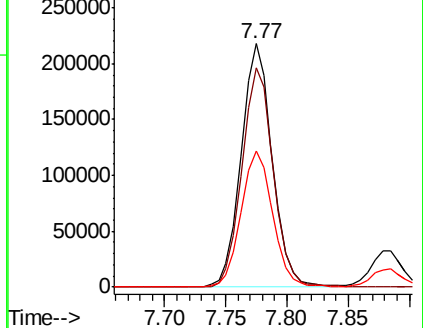
39 56.9 45.3 67.9

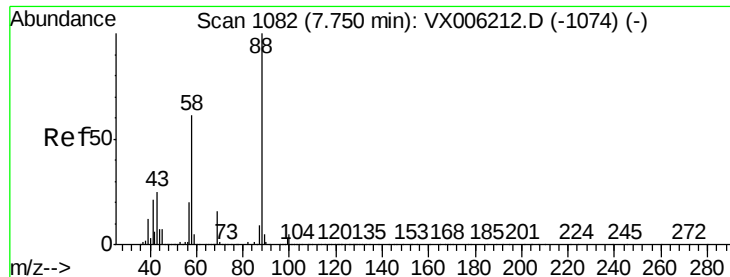


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 866.076 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

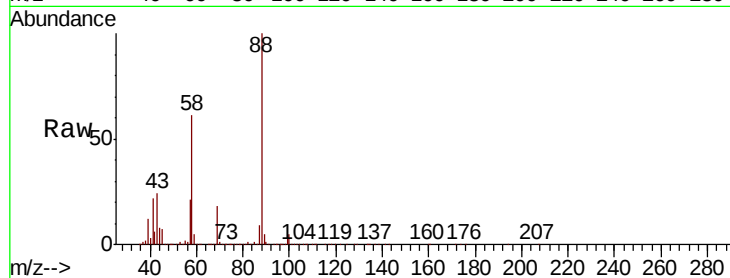
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 178457

Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.2	34.8
58	63.7	51.4	77.0

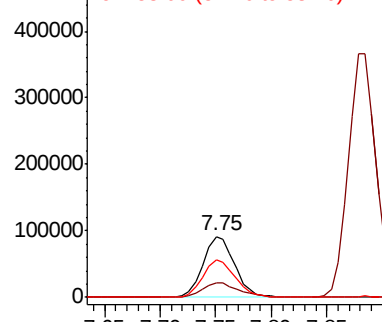


Abundance

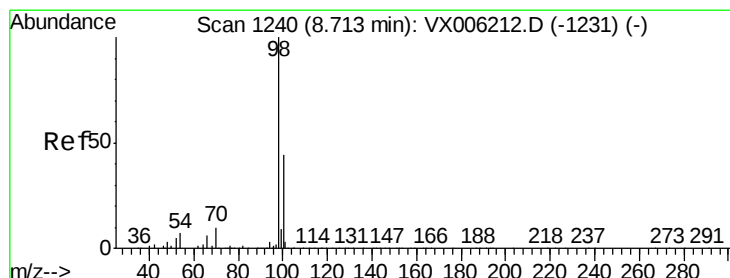
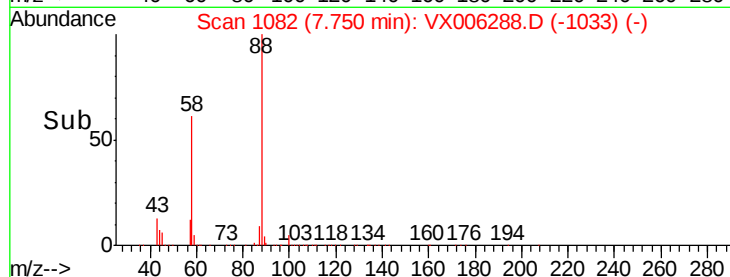
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.055 ug/l

RT: 8.71 min Scan# 1240

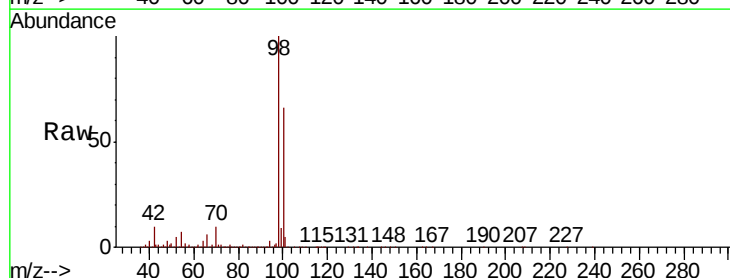
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion: 98 Resp: 1262687

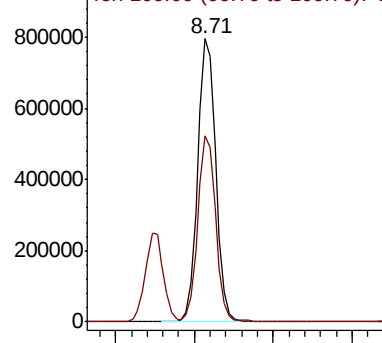
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2



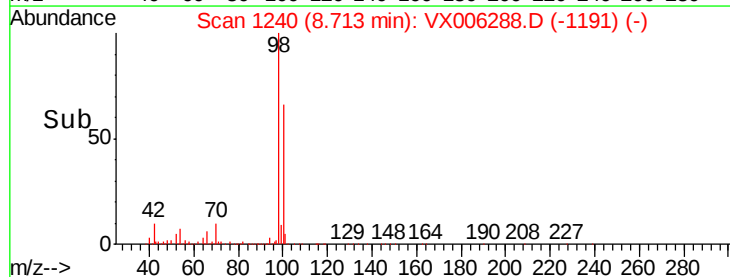
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 225.377 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

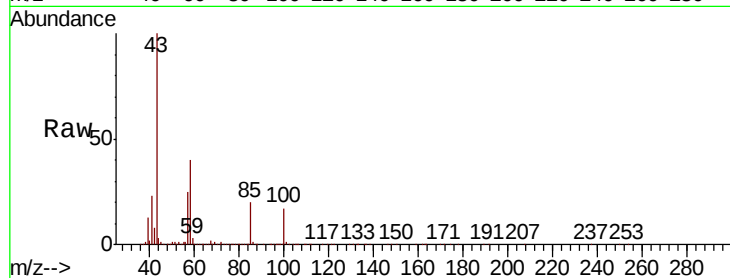
VSTDCCC050EC

Tot Ion: 43 Resp: 2254707

Ion Ratio Lower Upper

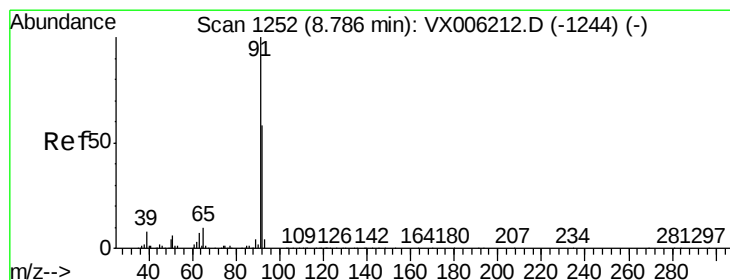
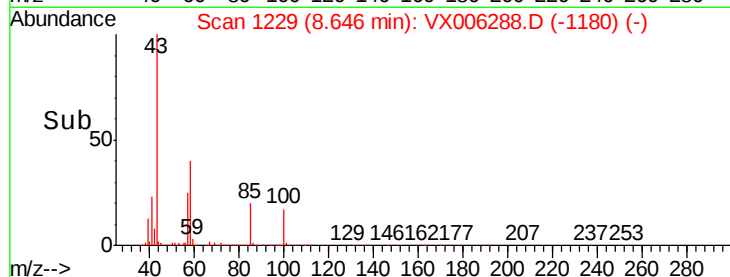
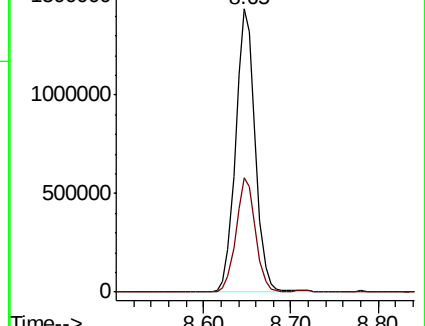
43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.309 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006288.D

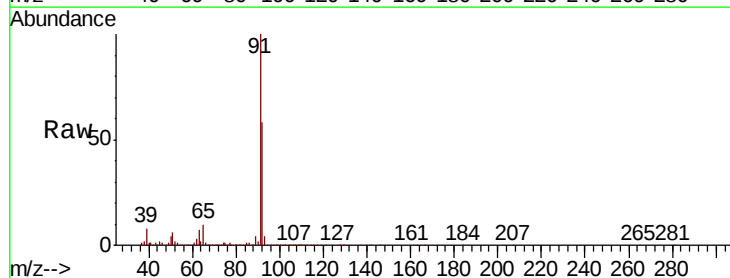
Acq: 04 Dec 2018 19:34

Tgt Ion: 92 Resp: 858001

Ion Ratio Lower Upper

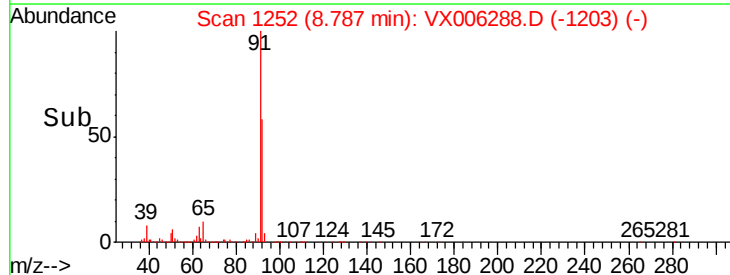
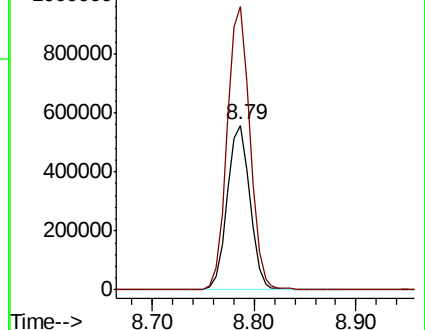
92 100

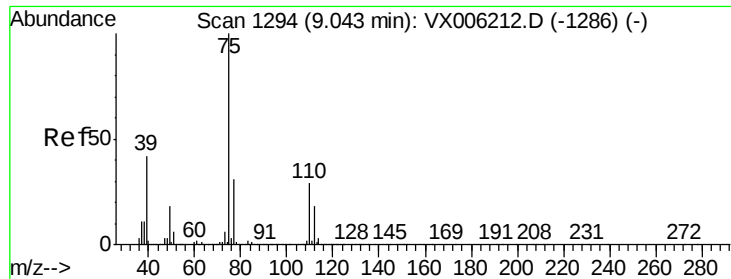
91 172.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

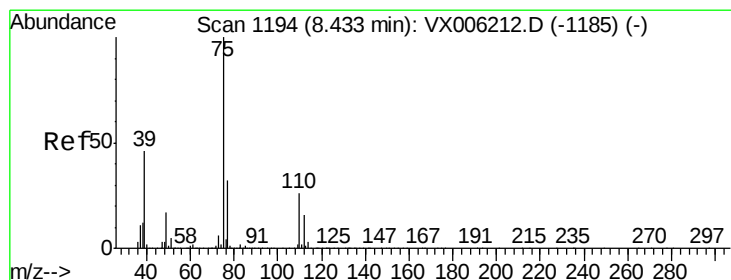
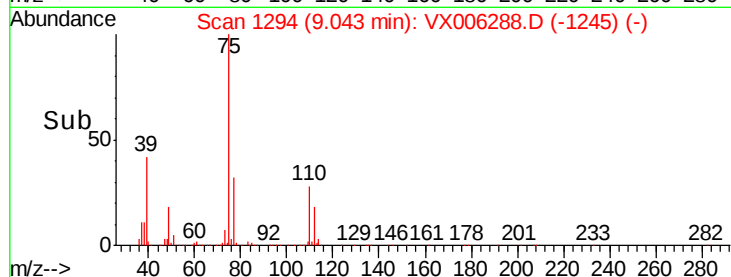
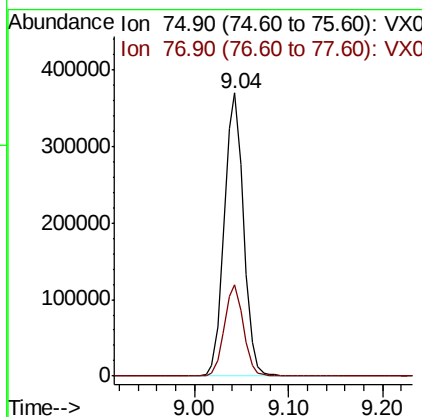
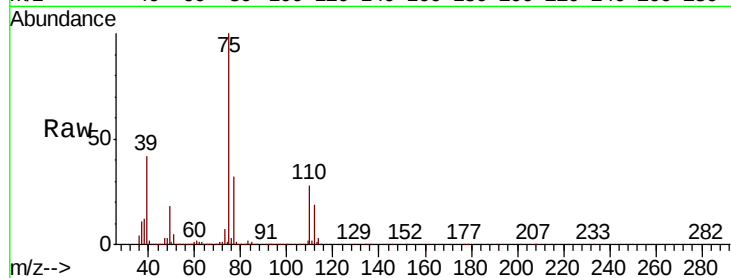




#53
t-1,3-Dichloropropene
Concen: 45.597 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

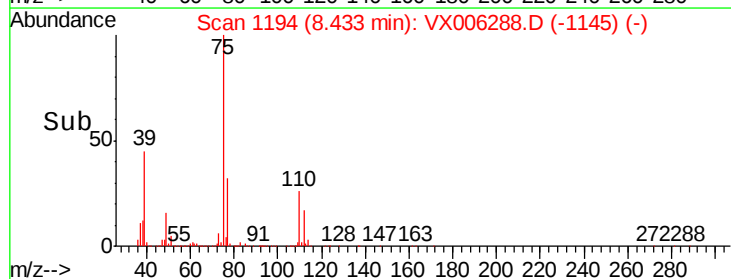
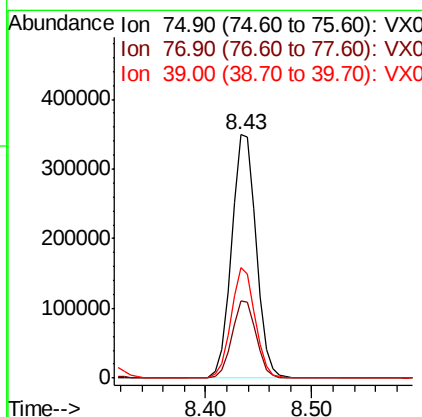
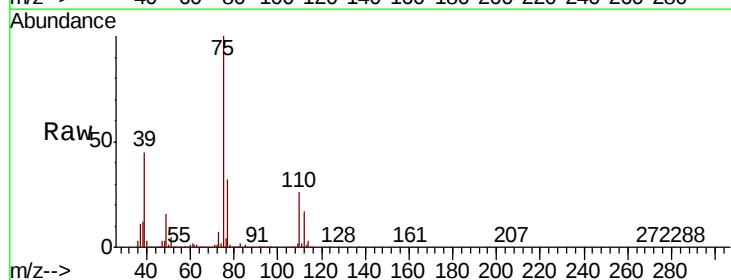
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

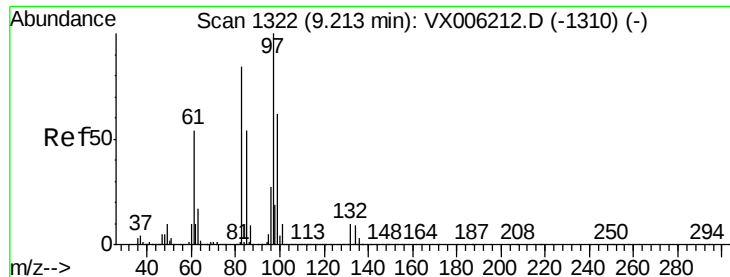
Tot Ion: 75 Resp: 522530
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.543 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 75 Resp: 565739
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 45.3 36.5 54.7

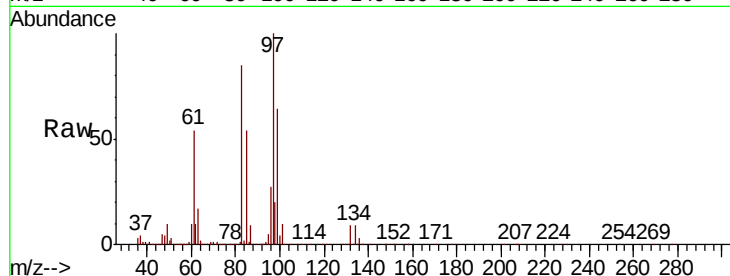




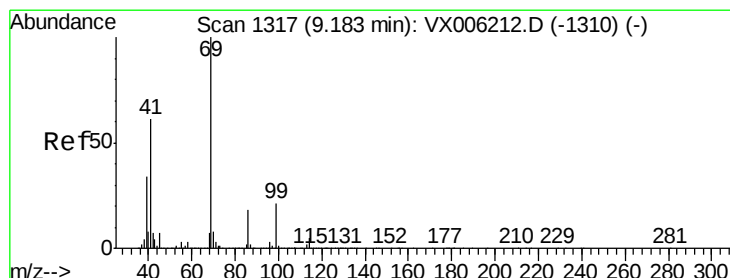
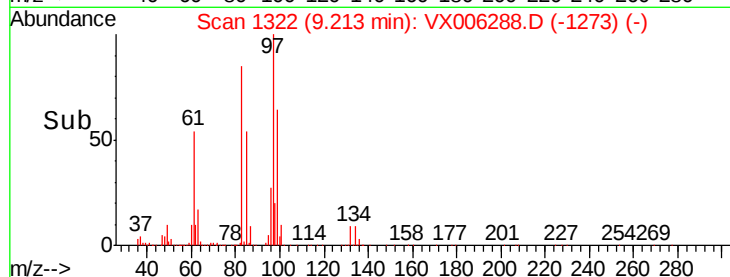
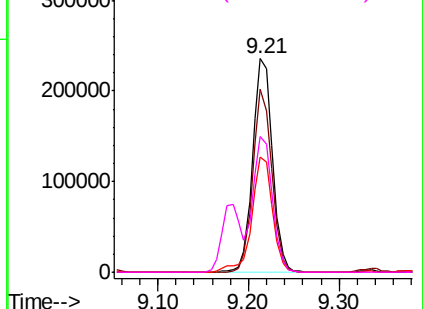
#55
 1,1,2-Trichloroethane
 Concen: 48.204 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	355163
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.1	100.7
85	54.1	43.2	64.8
99	63.8	49.8	74.6

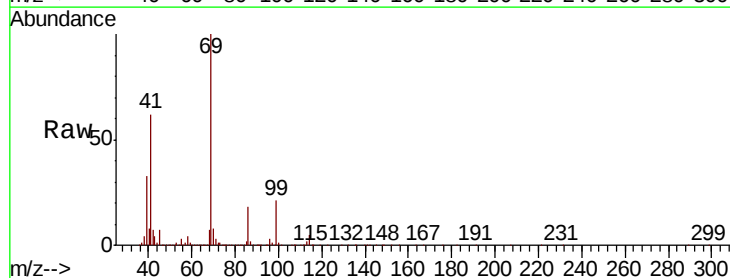


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

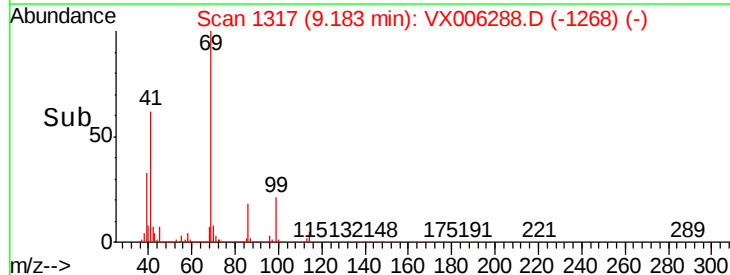
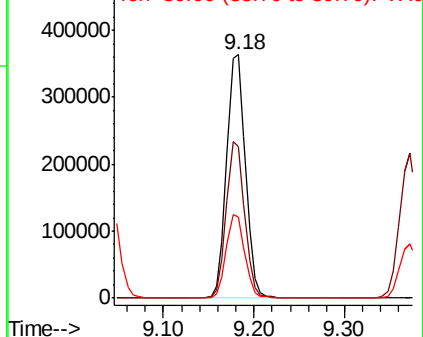


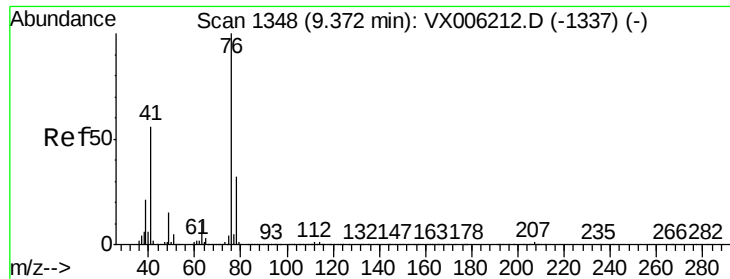
#56
 Ethyl methacrylate
 Concen: 45.615 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion:	69	Resp:	525413
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.6	76.0
39	33.7	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

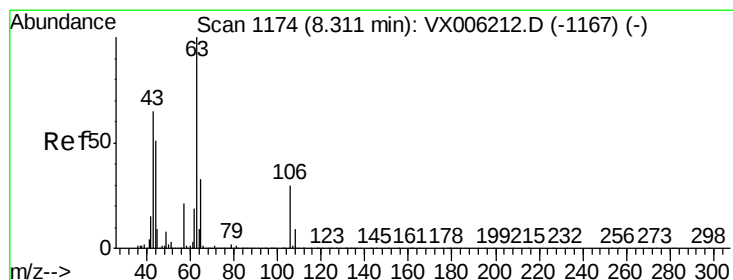
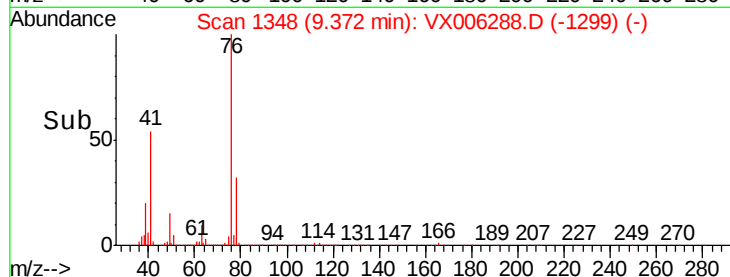
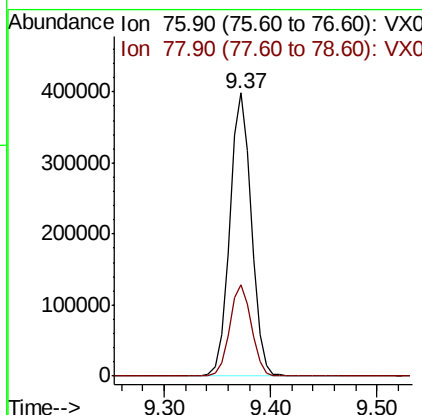
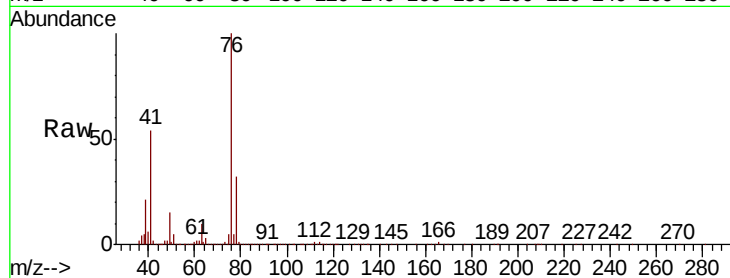




#57
 1,3-Dichloropropane
 Concen: 48.661 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

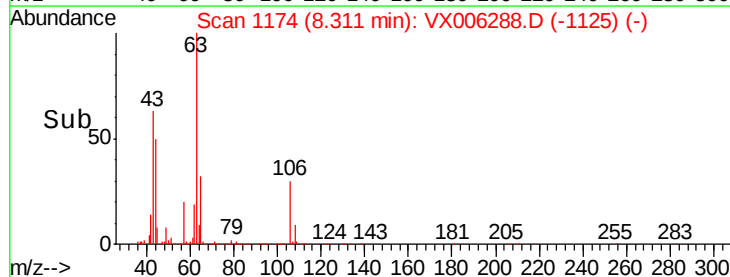
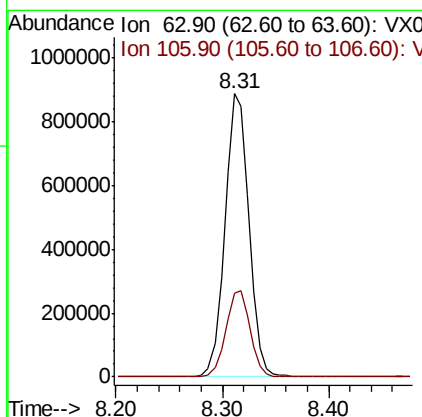
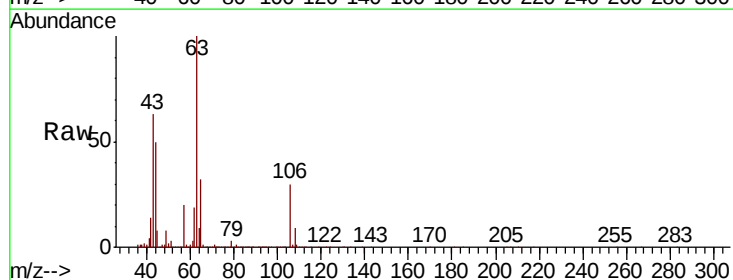
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

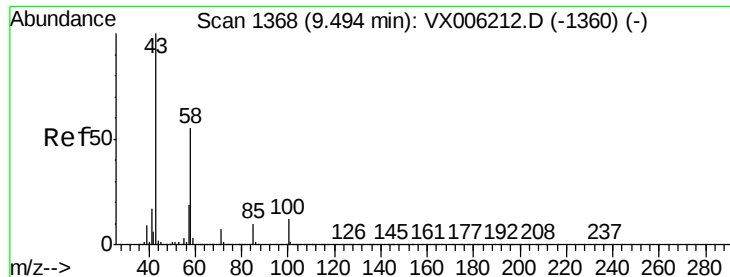
Tot Ion: 76 Resp: 566939
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.895 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion: 63 Resp: 1390488
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3

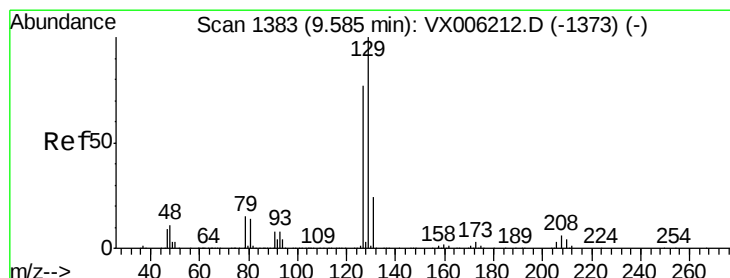
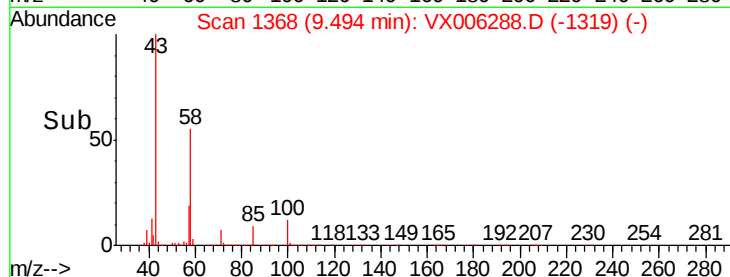
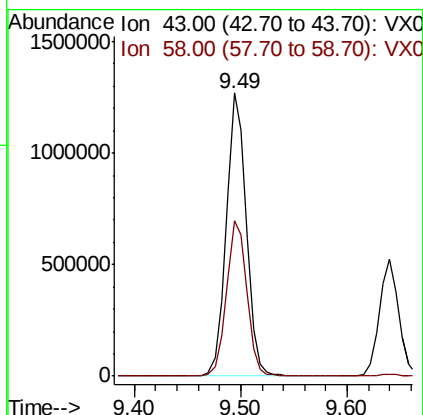
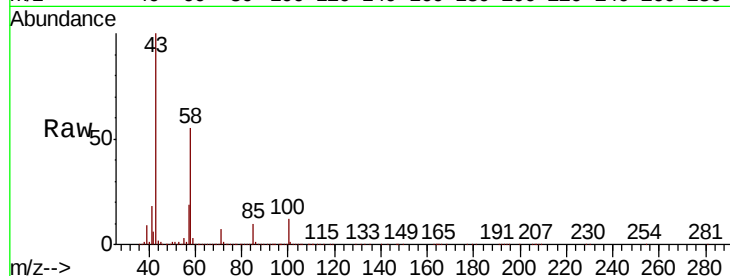




#59
2-Hexanone
Concen: 218.686 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

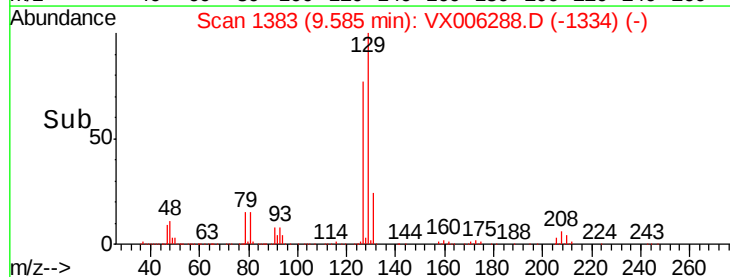
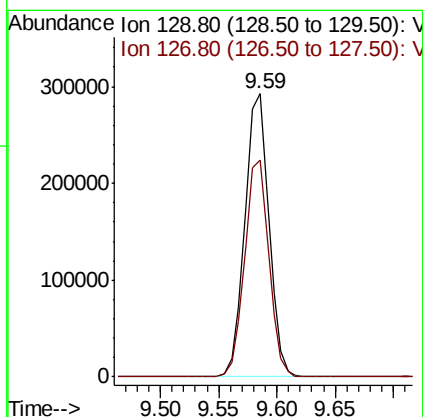
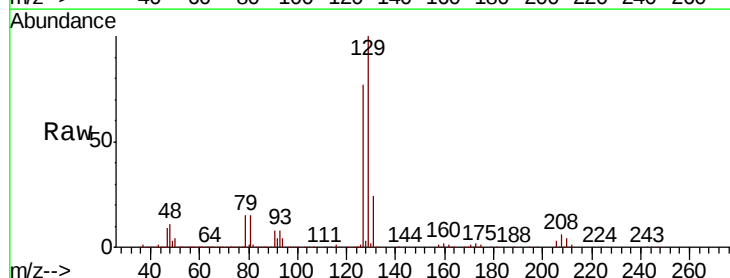
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1671462
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 46.855 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 129 Resp: 425690
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 47.482 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

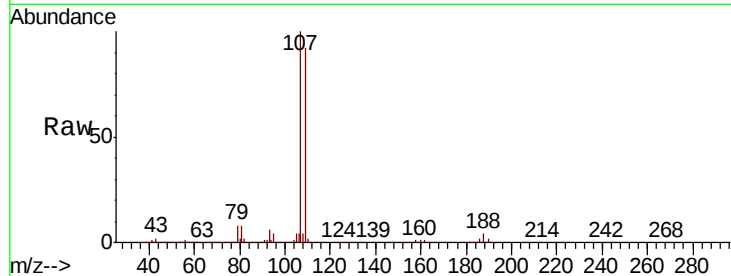
VSTDCCC050EC

Tot Ion: 107 Resp: 391172

Ion Ratio Lower Upper

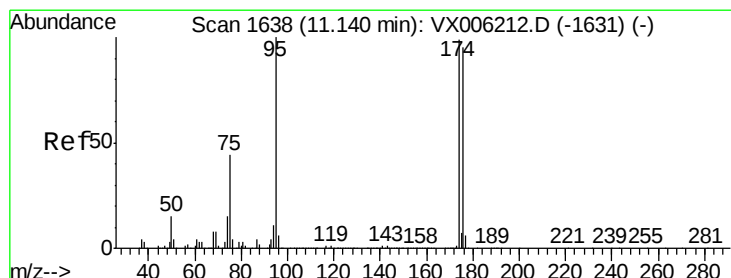
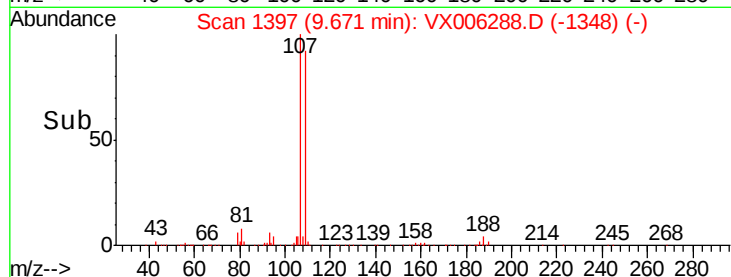
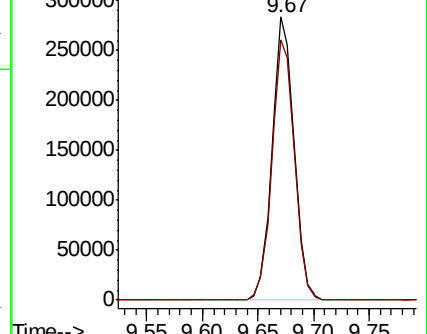
107 100

109 94.3 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: 47.715 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

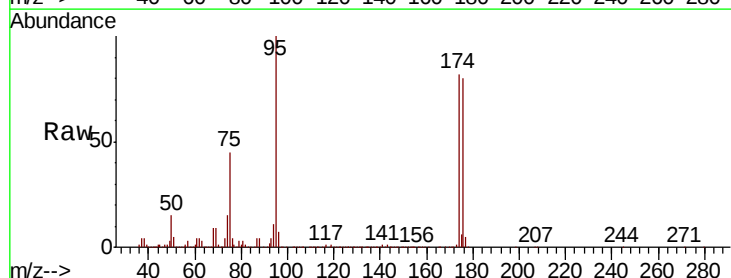
Tgt Ion: 95 Resp: 462819

Ion Ratio Lower Upper

95 100

174 91.9 0.0 187.0

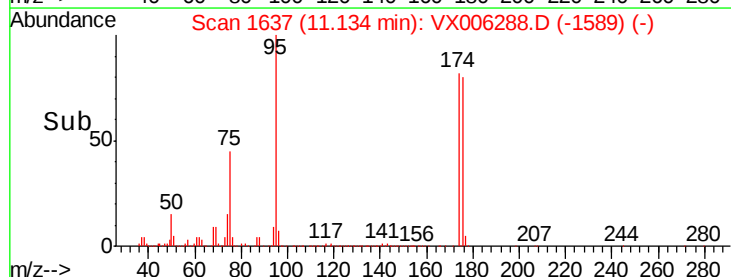
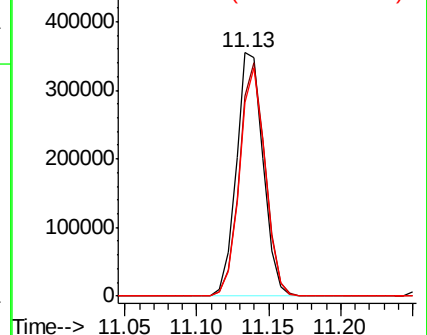
176 89.7 0.0 181.8



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

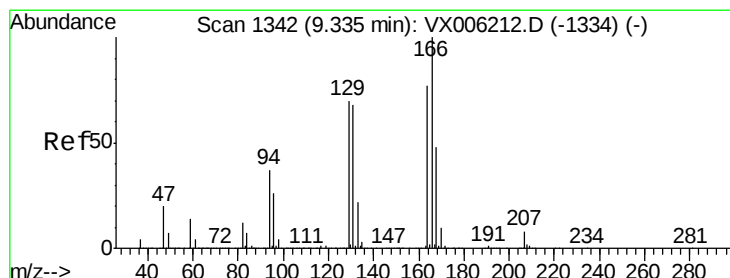
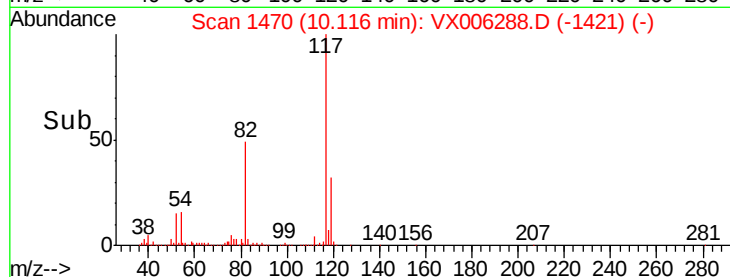
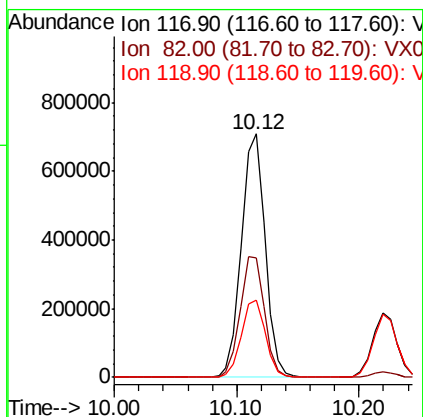
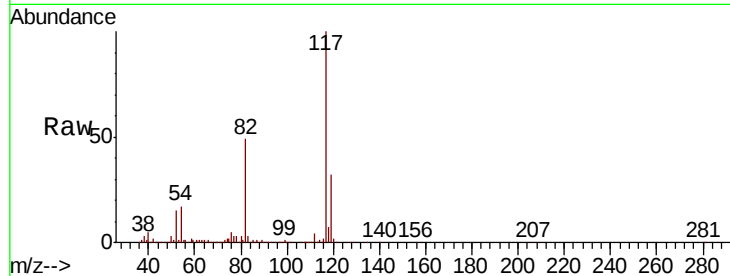




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

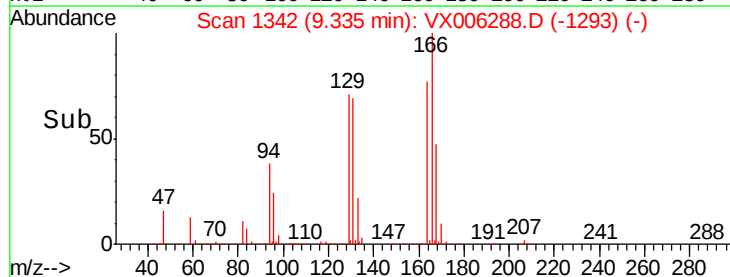
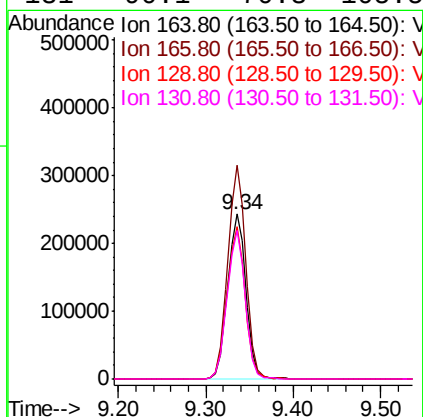
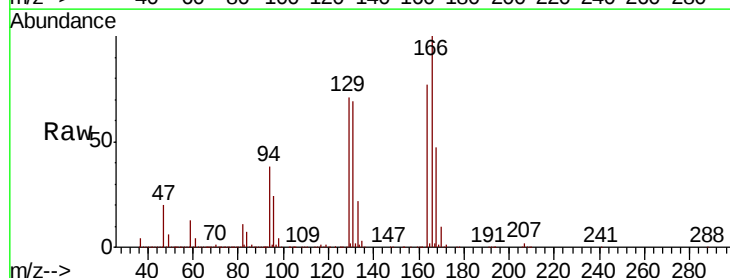
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

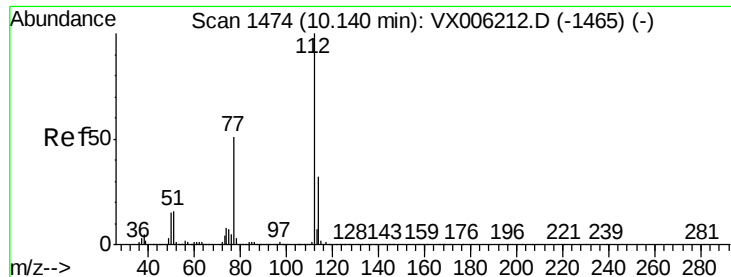
Tot Ion:117 Resp: 953339
Ion Ratio Lower Upper
117 100
82 48.8 39.6 59.4
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 49.224 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion:164 Resp: 353405
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 92.7 72.6 108.8
131 90.1 70.3 105.5





#65

Chlorobenzene

Concen: 49.547 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

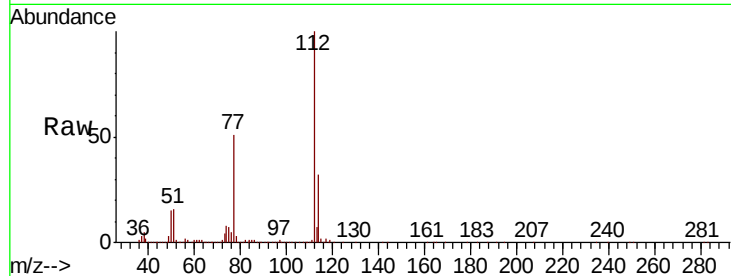
VSTDCCC050EC

Tot Ion:112 Resp: 1002688

Ion Ratio Lower Upper

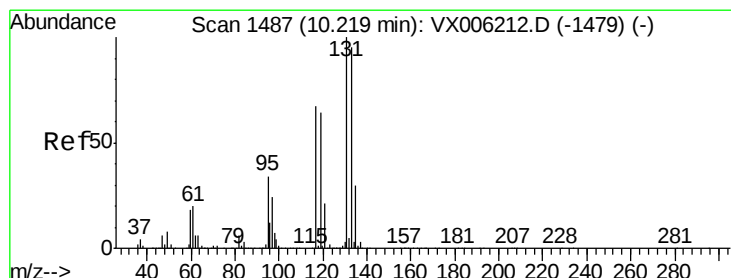
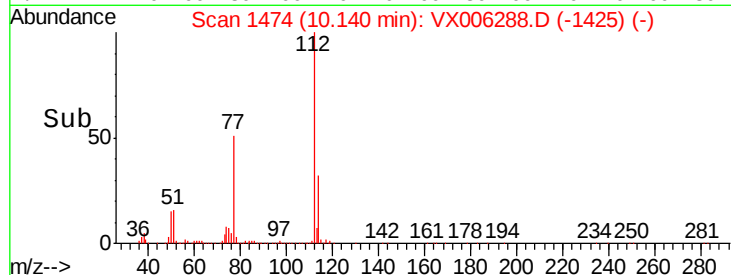
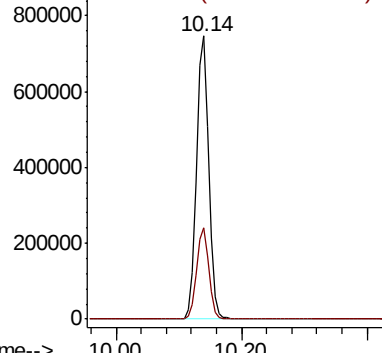
112 100

114 32.1 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: 49.512 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

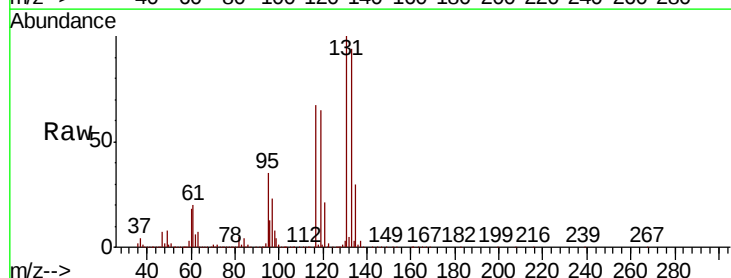
Tgt Ion:131 Resp: 389304

Ion Ratio Lower Upper

131 100

133 95.0 48.1 144.4

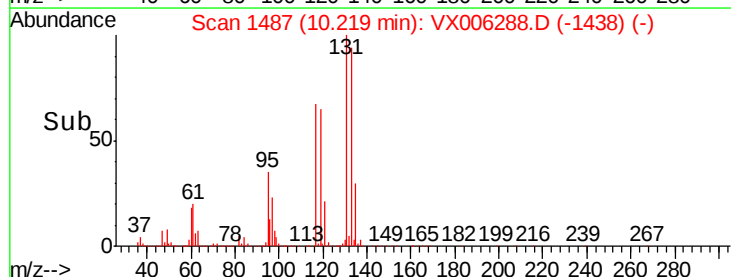
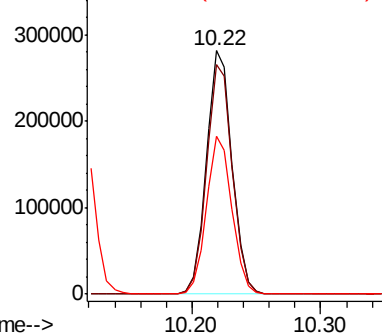
119 64.6 32.1 96.3

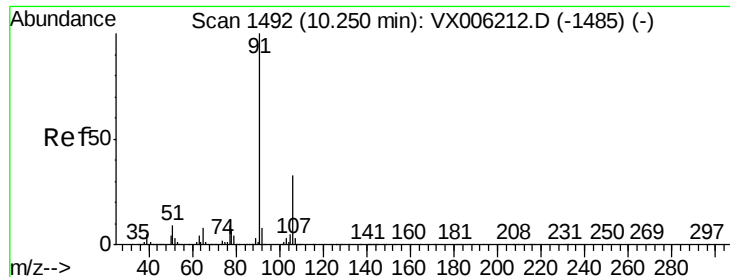


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.514 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

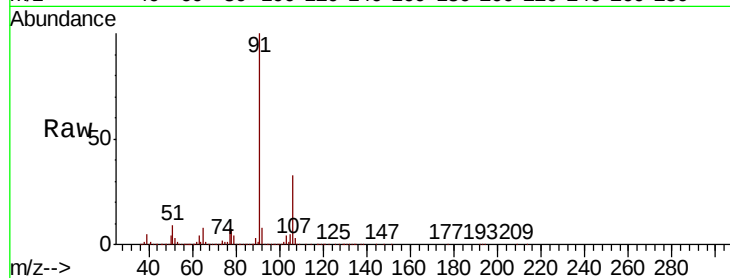
VSTDCCC050EC

Tot Ion: 91 Resp: 1632924

Ion Ratio Lower Upper

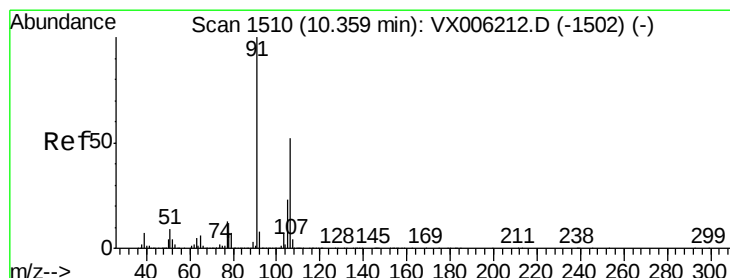
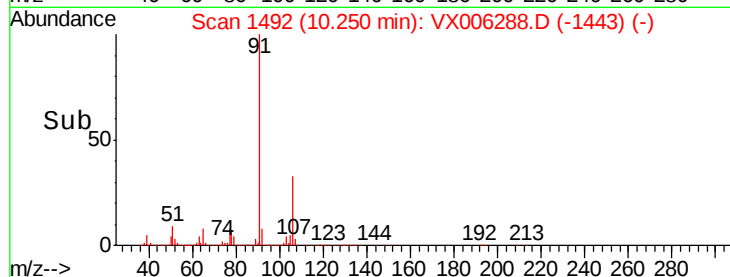
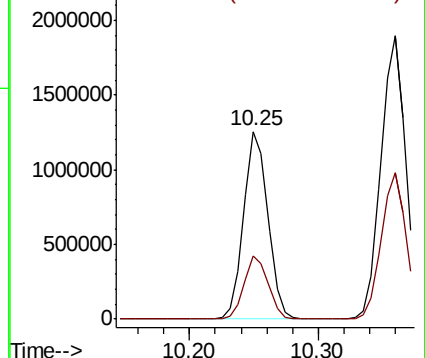
91 100

106 33.3 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.245 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006288.D

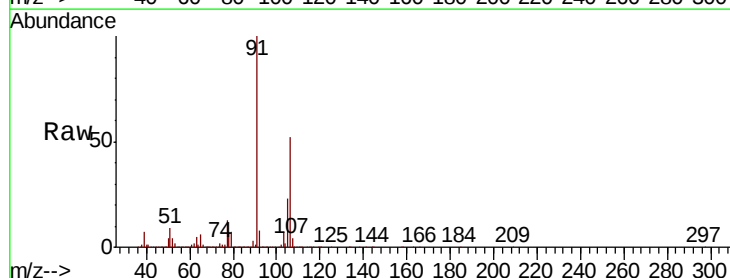
Acq: 04 Dec 2018 19:34

Tgt Ion: 106 Resp: 1297639

Ion Ratio Lower Upper

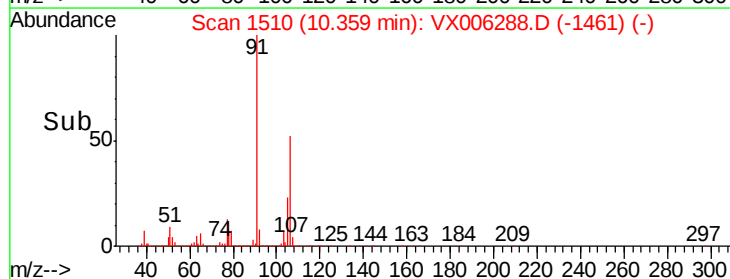
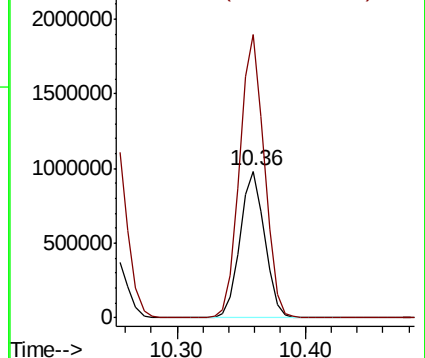
106 100

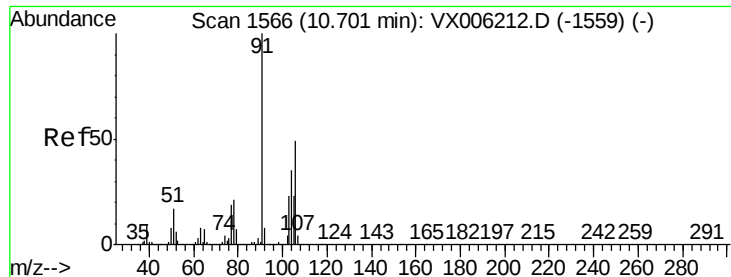
91 194.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

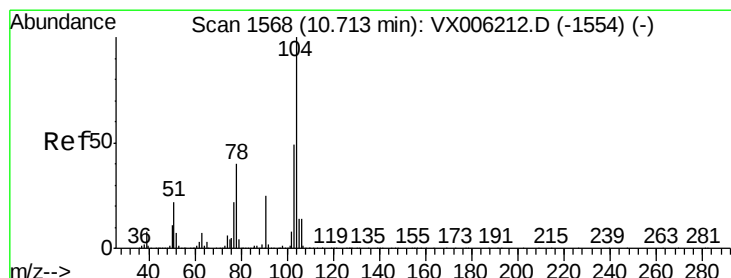
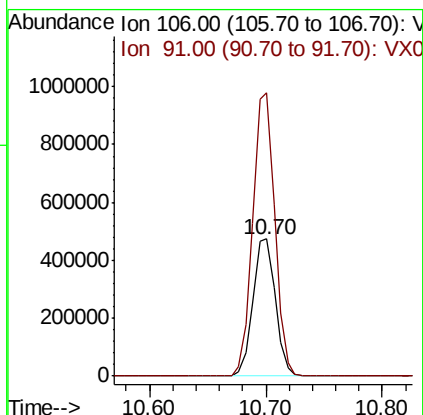
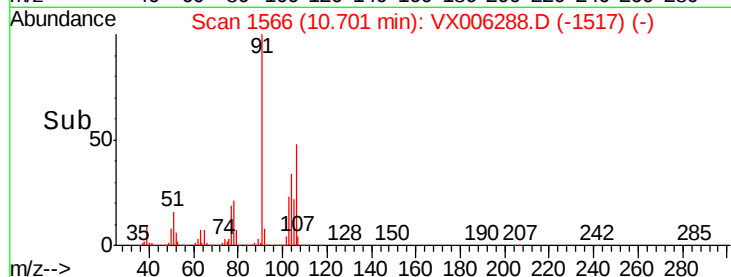
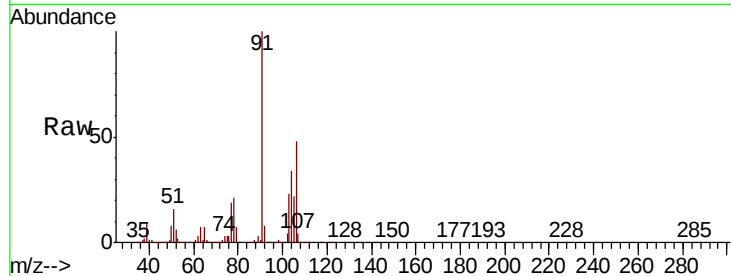




#69
o-Xylene
Concen: 47.945 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

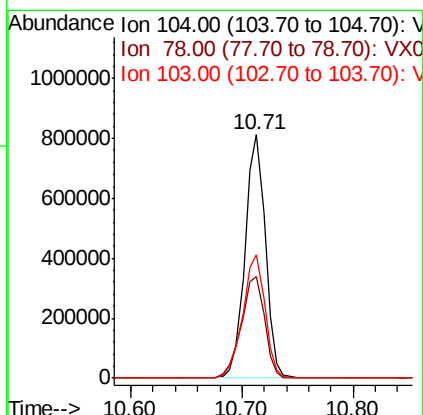
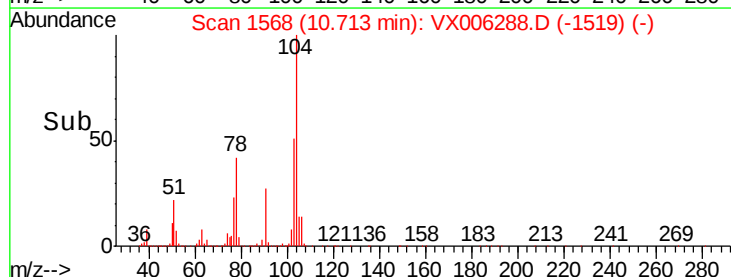
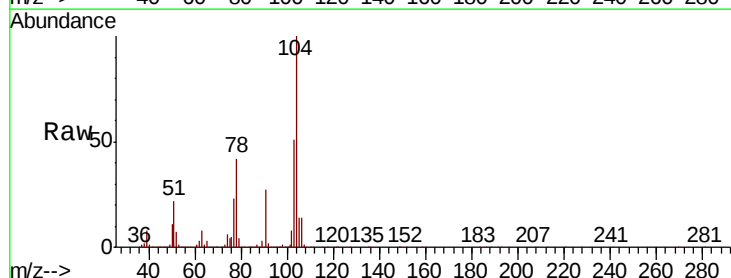
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

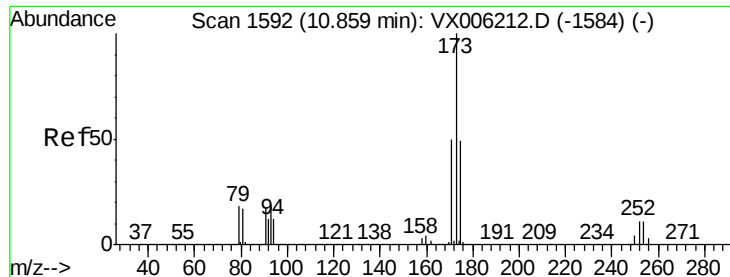
Tot Ion:106 Resp: 638521
Ion Ratio Lower Upper
106 100
91 203.4 101.8 305.6



#70
Styrene
Concen: 47.825 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion:104 Resp: 1030135
Ion Ratio Lower Upper
104 100
78 47.8 37.2 55.8
103 55.5 43.5 65.3





#71

Bromoform

Concen: 46.243 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

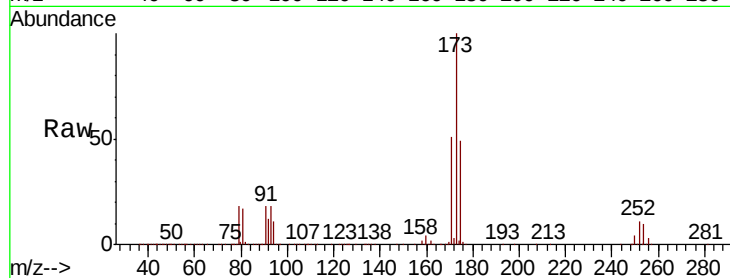
Tot Ion:173 Resp: 343238

Ion Ratio Lower Upper

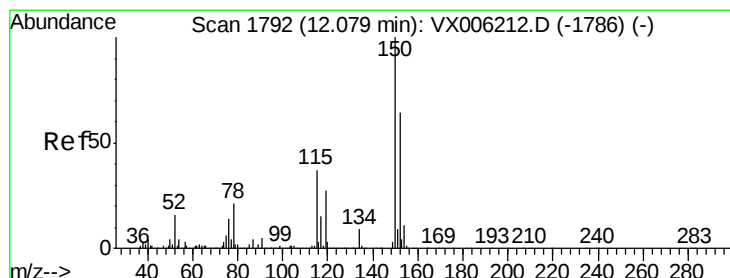
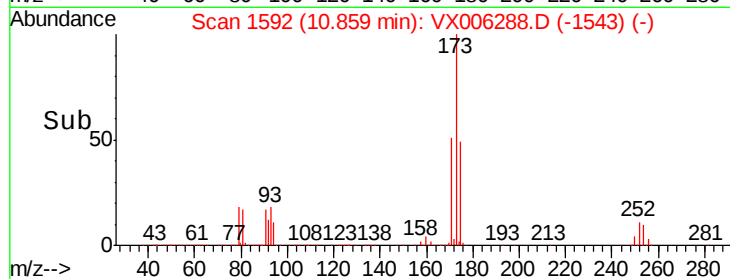
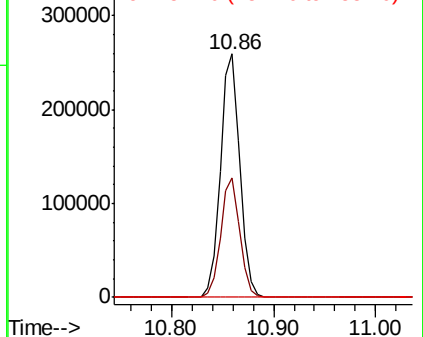
173 100

175 48.4 24.6 73.8

254 0.2 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: VX006288.D

Acq: 04 Dec 2018 19:34

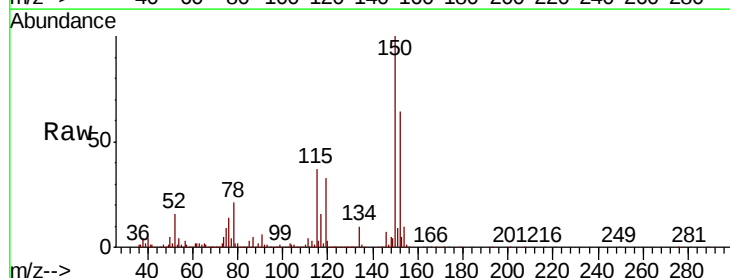
Tgt Ion:152 Resp: 478882

Ion Ratio Lower Upper

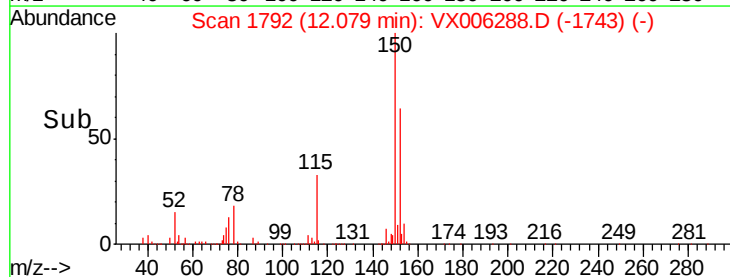
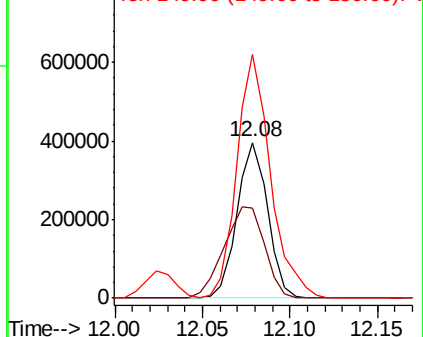
152 100

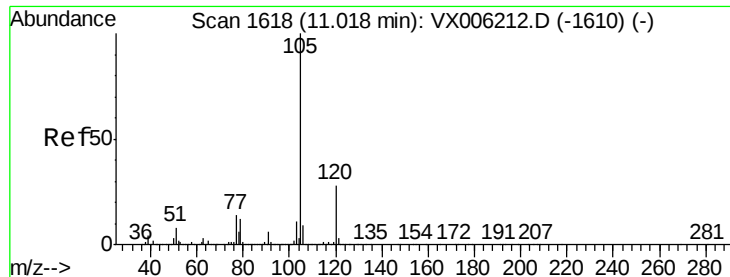
115 77.9 39.0 116.9

150 173.6 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: 51.137 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

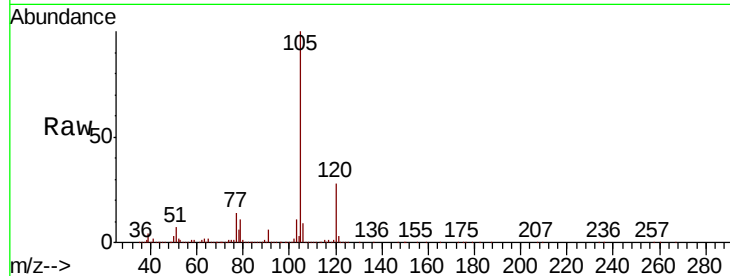
VSTDCCC050EC

Tot Ion:105 Resp: 1691171

Ion Ratio Lower Upper

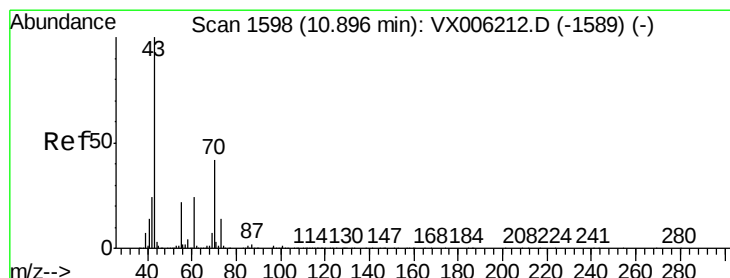
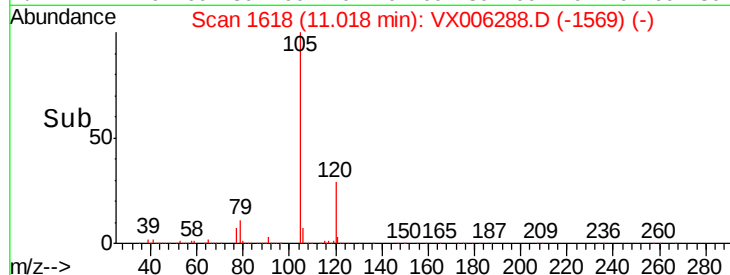
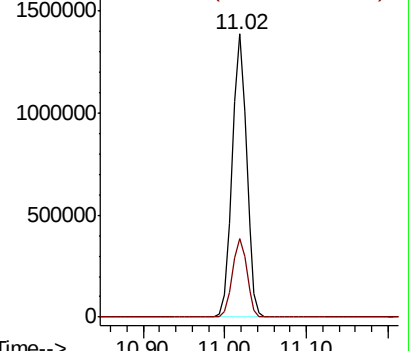
105 100

120 28.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.650 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion: 43 Resp: 664349

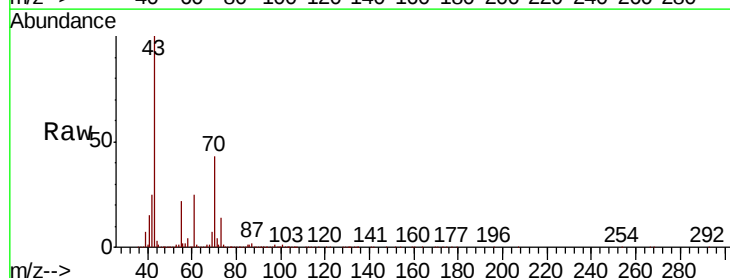
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 23.2 17.8 26.8

61 25.6 19.7 29.5

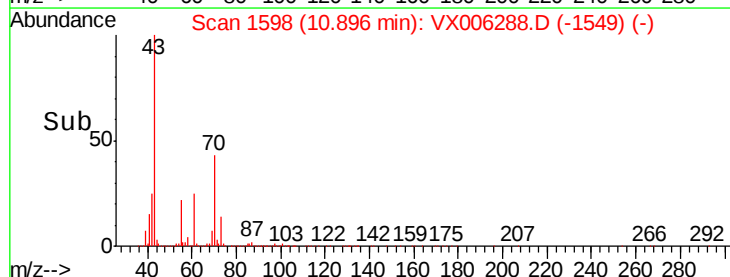
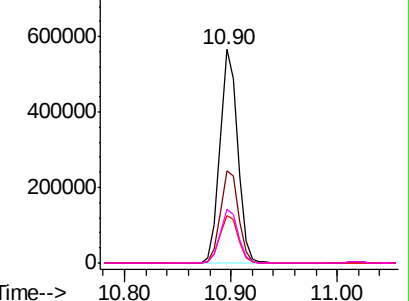


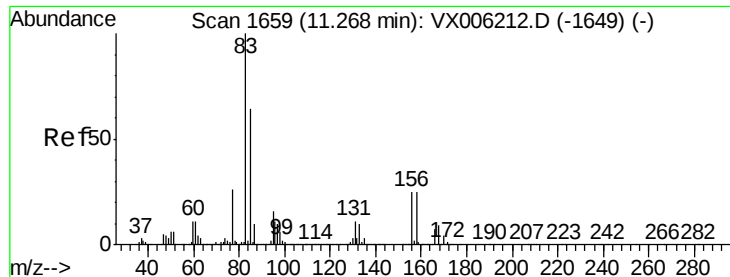
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.243 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

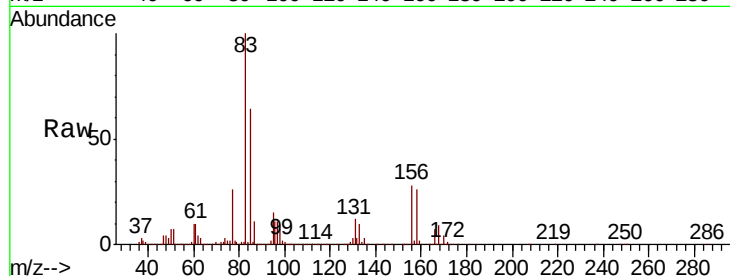
Tot Ion: 83 Resp: 520995

Ion Ratio Lower Upper

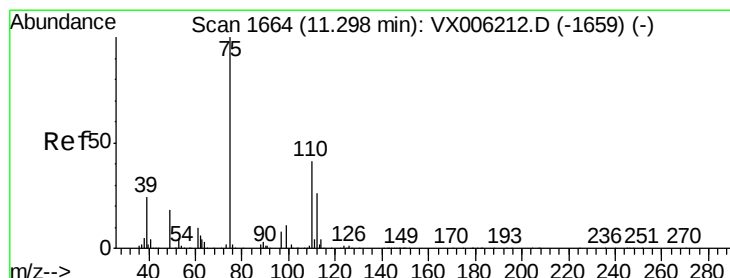
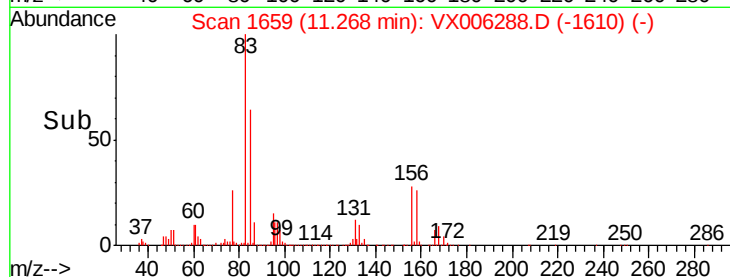
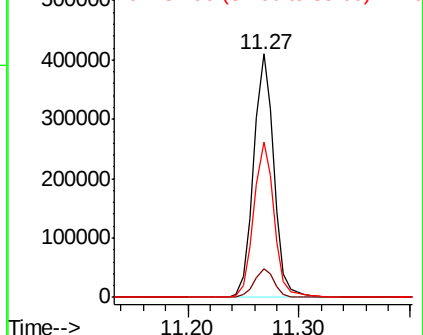
83 100

131 11.6 5.7 17.1

85 64.2 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: 66.866 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006288.D

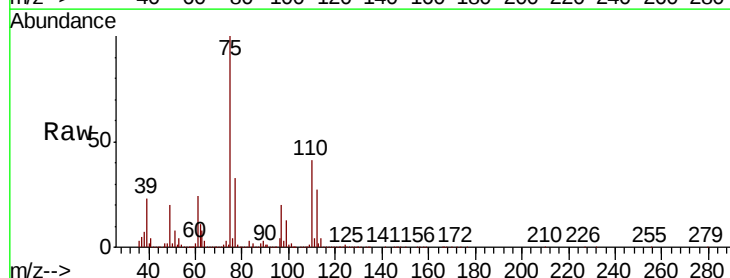
Acq: 04 Dec 2018 19:34

Tgt Ion: 75 Resp: 618052

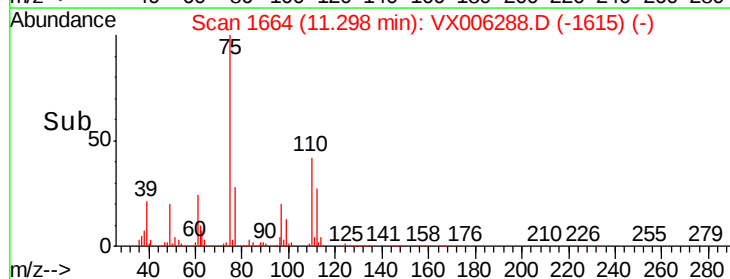
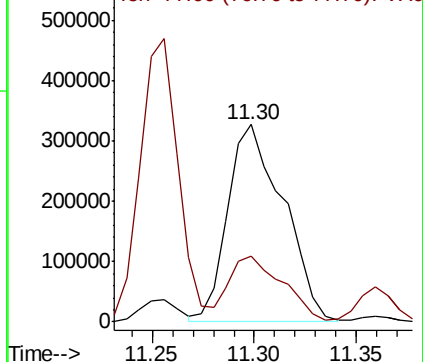
Ion Ratio Lower Upper

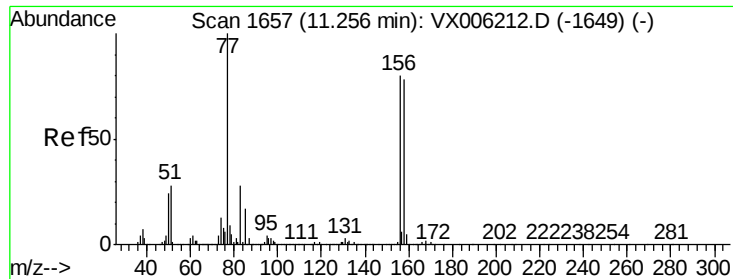
75 100

77 31.8 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: 49.929 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

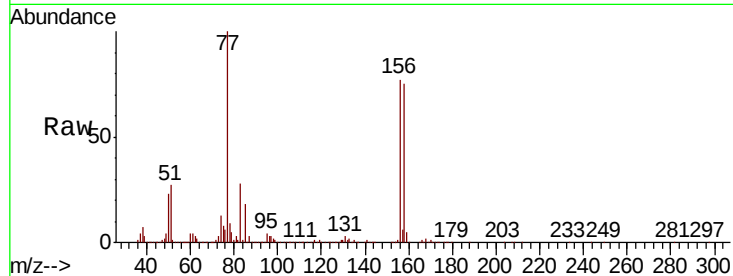
Tot Ion:156 Resp: 458240

Ion Ratio Lower Upper

156 100

77 133.3 66.2 198.6

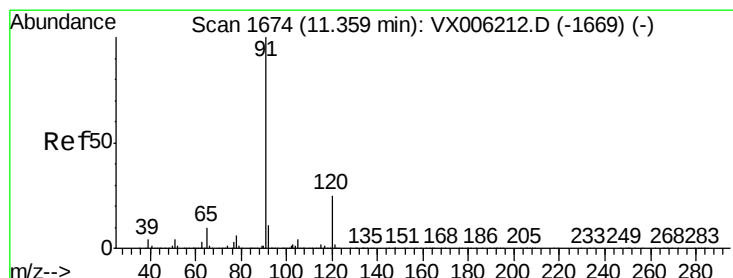
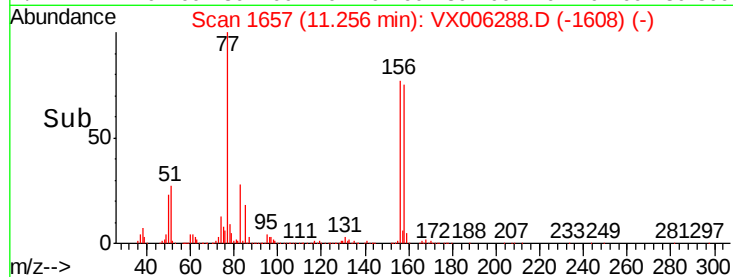
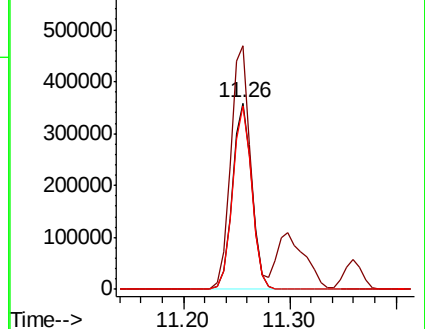
158 97.9 48.8 146.4



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: 50.564 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006288.D

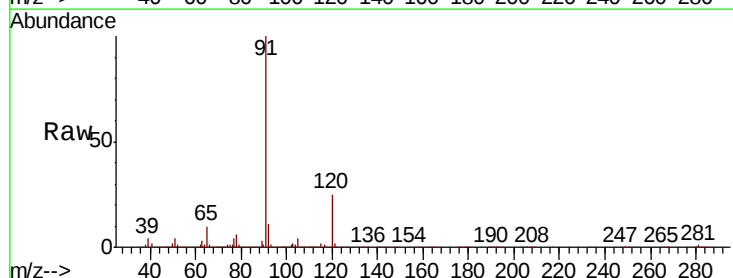
Acq: 04 Dec 2018 19:34

Tgt Ion: 91 Resp: 1858832

Ion Ratio Lower Upper

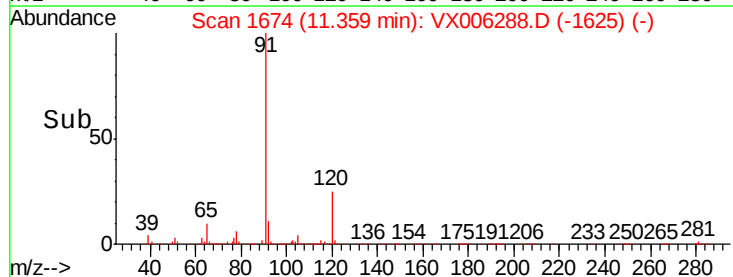
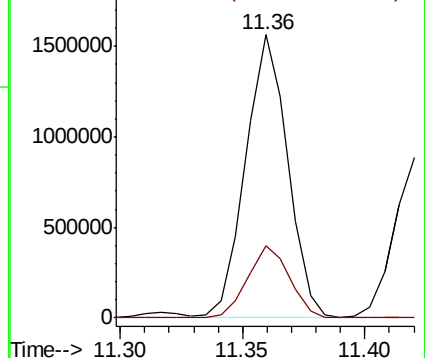
91 100

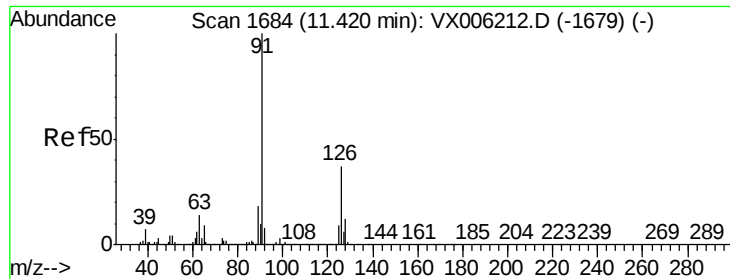
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.804 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

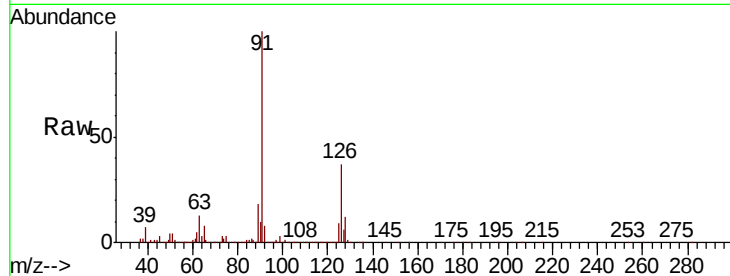
VSTDCCC050EC

Tot Ion: 91 Resp: 1088207

Ion Ratio Lower Upper

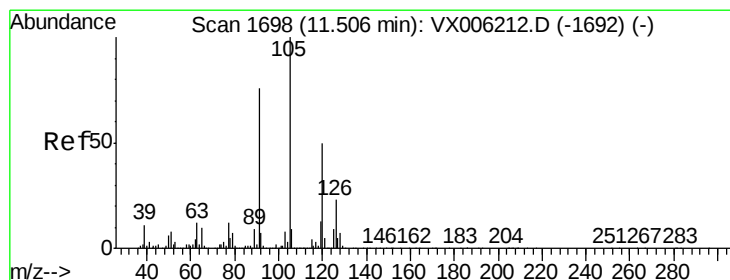
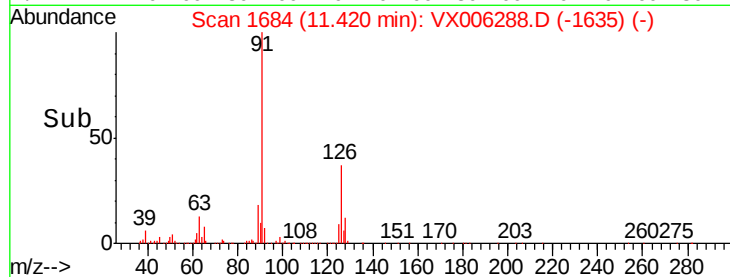
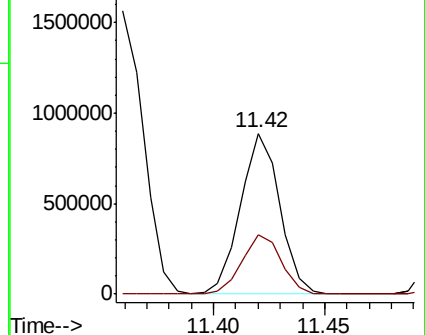
91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006288.D

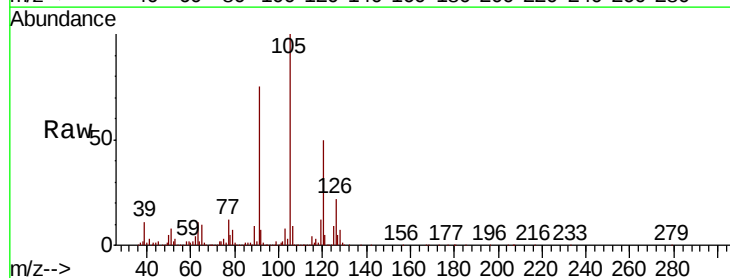
Acq: 04 Dec 2018 19:34

Tgt Ion: 105 Resp: 1390338

Ion Ratio Lower Upper

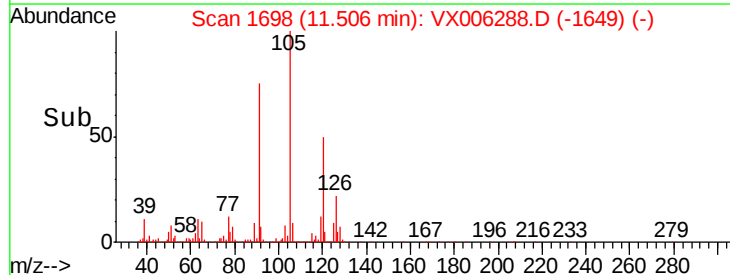
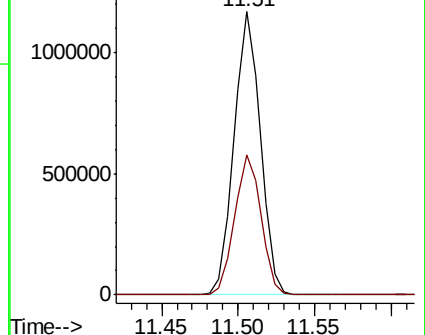
105 100

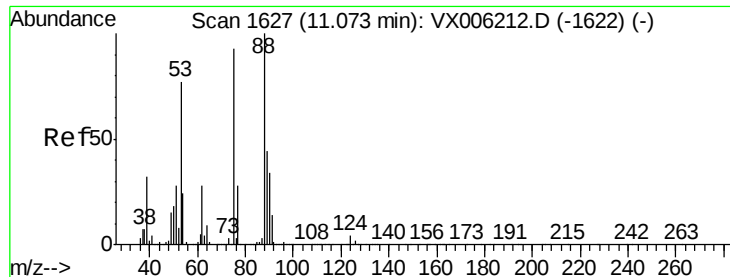
120 49.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)

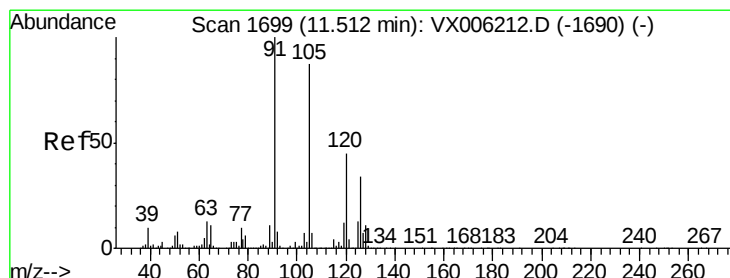
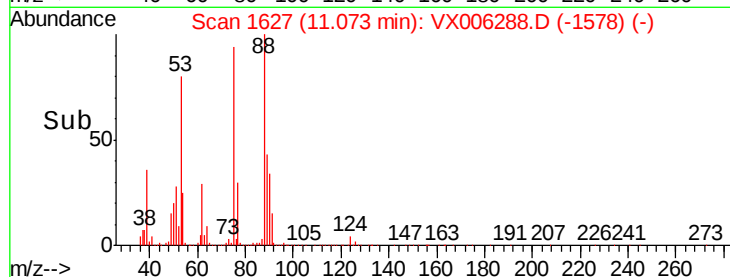
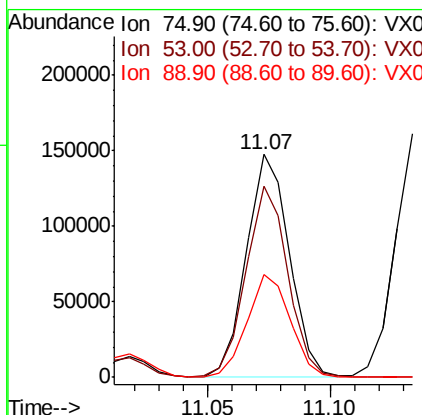
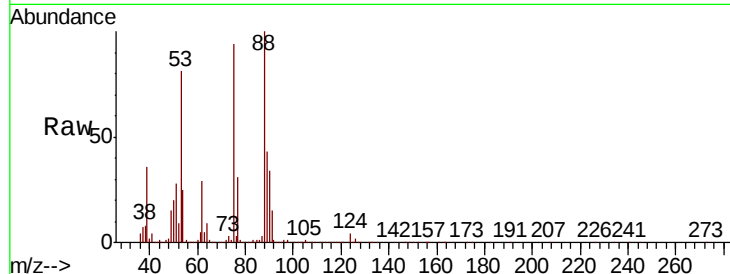




#81
trans-1,4-Dichloro-2-butene
Concen: 45.553 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

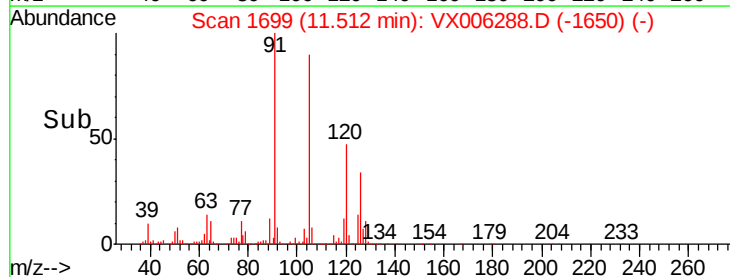
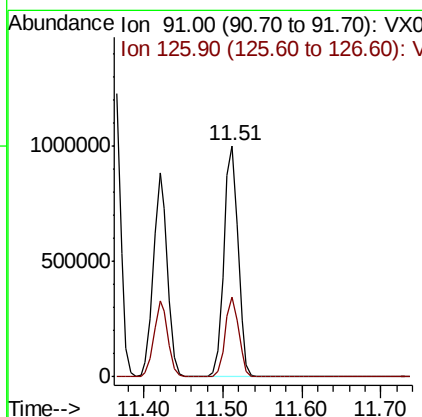
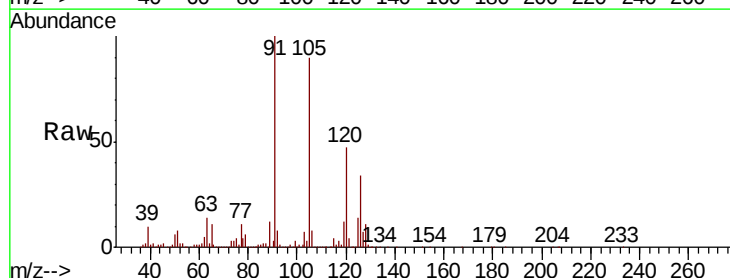
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

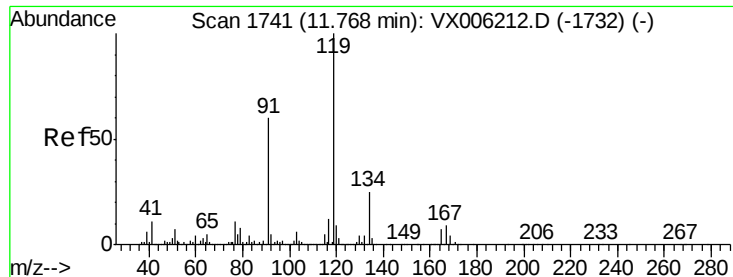
Tot Ion: 75 Resp: 179422
Ion Ratio Lower Upper
75 100
53 83.6 64.4 96.6
89 46.5 44.2 66.4



#82
4-Chlorotoluene
Concen: 49.404 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 91 Resp: 1255051
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83

tert-Butylbenzene

Concen: 50.112 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

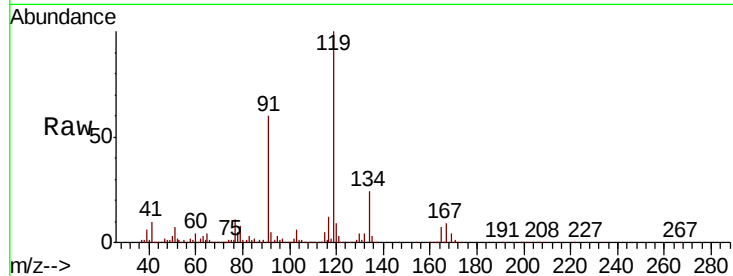
Tot Ion:119 Resp: 1471221

Ion Ratio Lower Upper

119 100

91 53.2 26.4 79.2

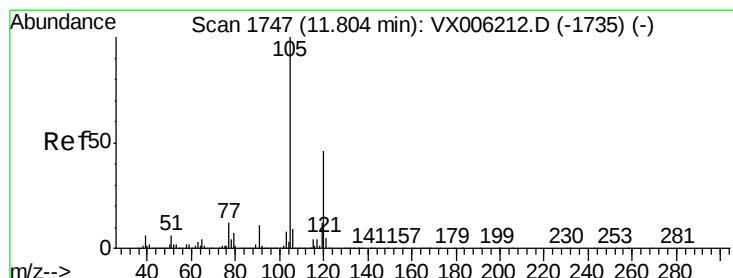
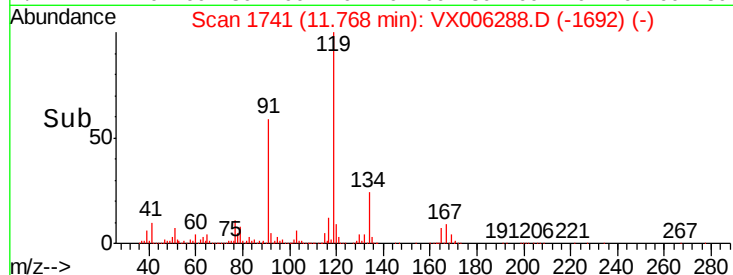
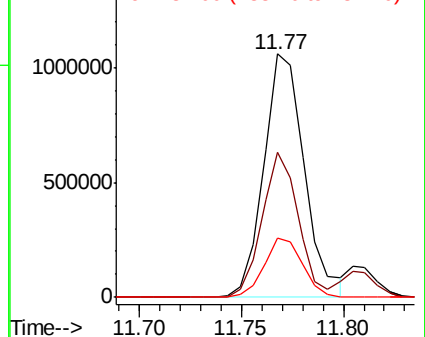
134 23.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.719 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006288.D

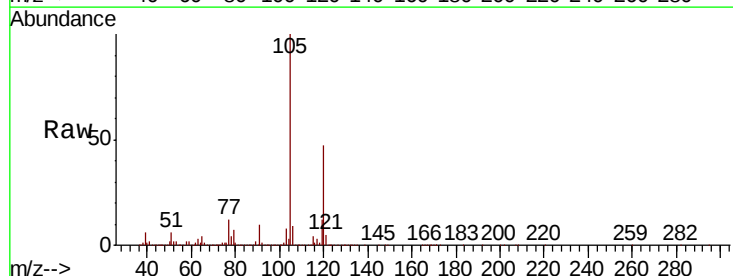
Acq: 04 Dec 2018 19:34

Tgt Ion:105 Resp: 1441081

Ion Ratio Lower Upper

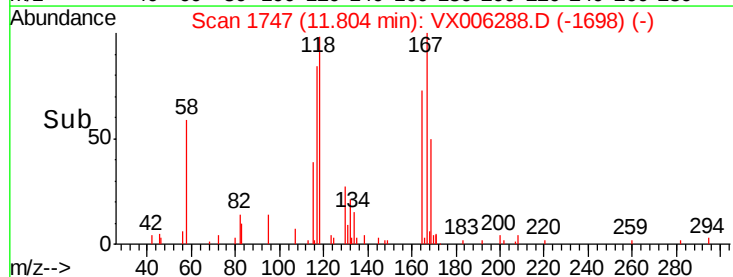
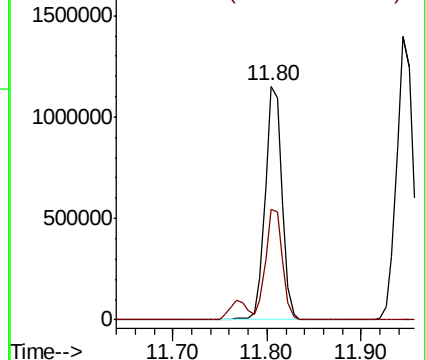
105 100

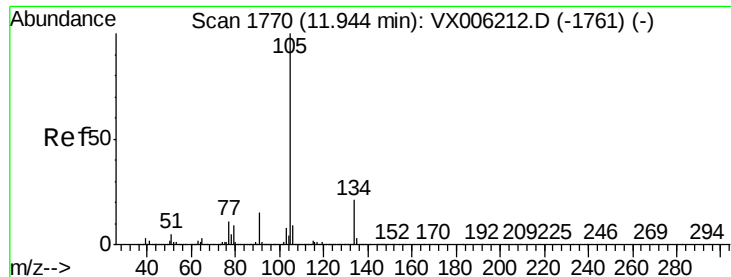
120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

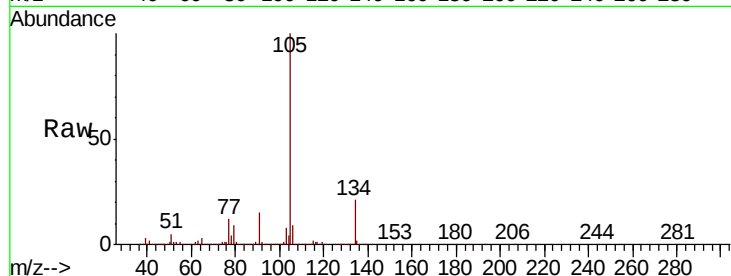
VSTDCCC050EC

Tot Ion:105 Resp: 1709162

Ion Ratio Lower Upper

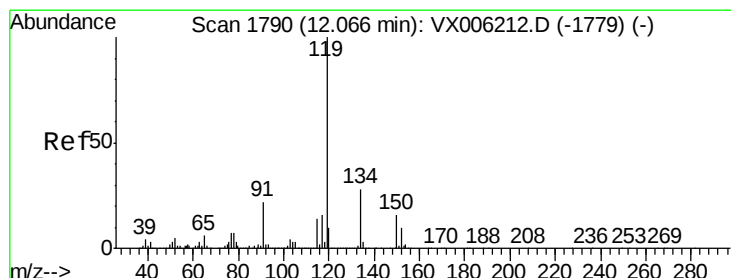
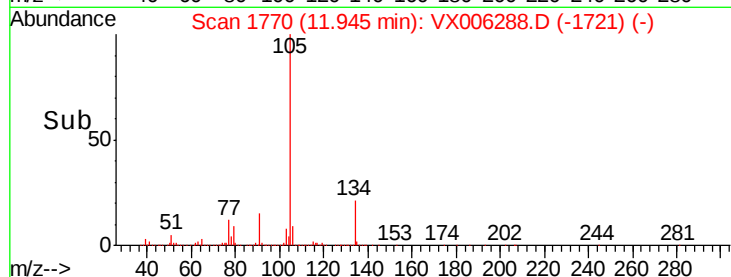
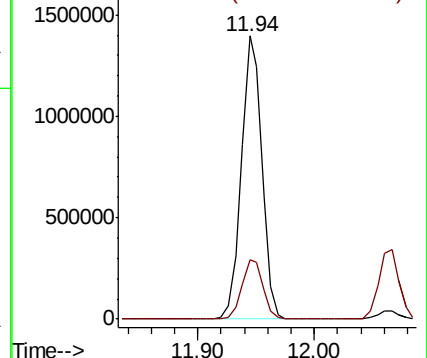
105 100

134 21.6 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: 50.128 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

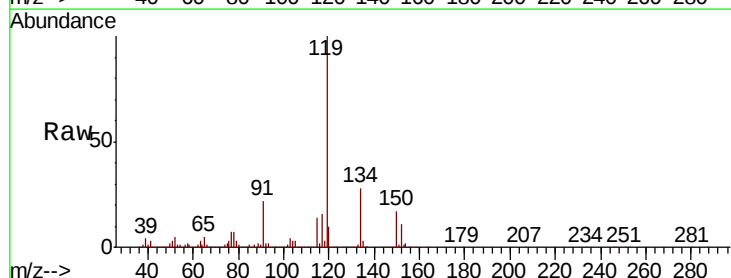
Tgt Ion:119 Resp: 1507610

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

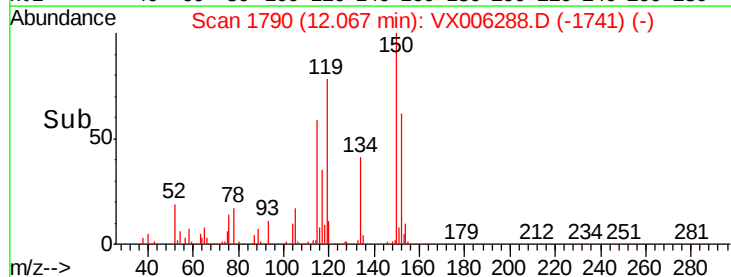
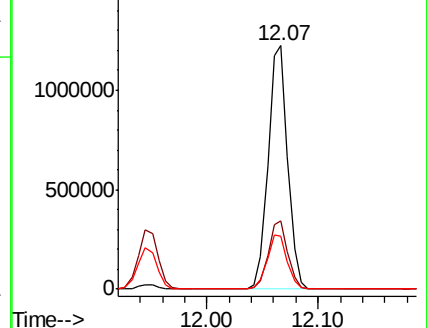
91 22.5 11.3 33.8

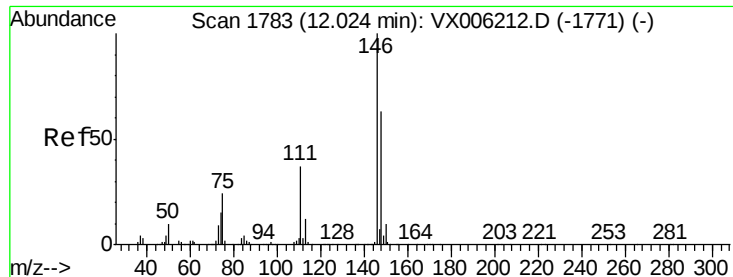


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

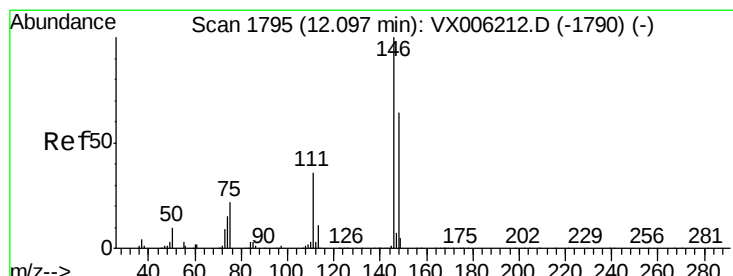
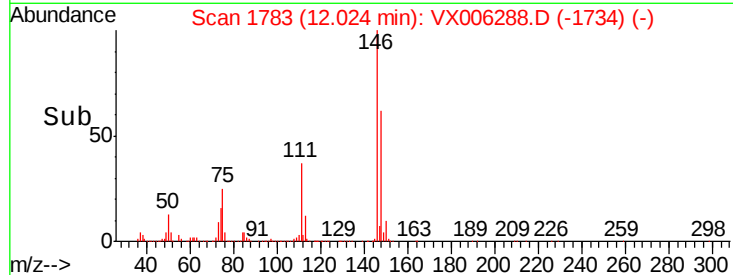
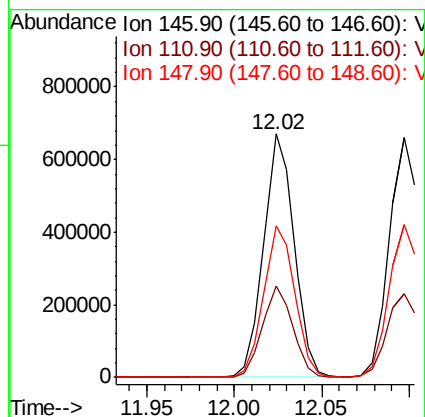
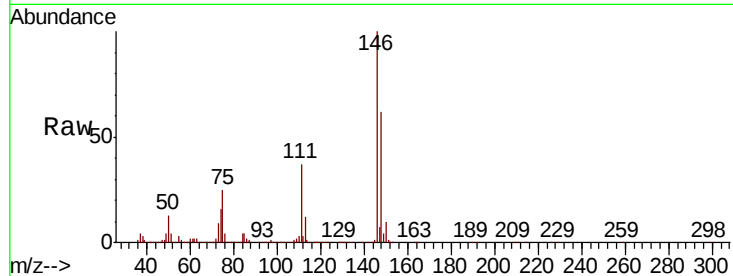




#87
 1,3-Dichlorobenzene
 Concen: 49.863 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

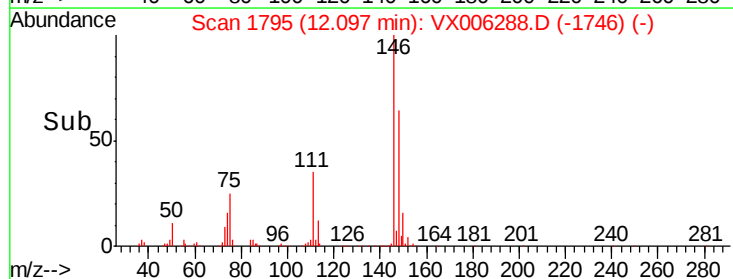
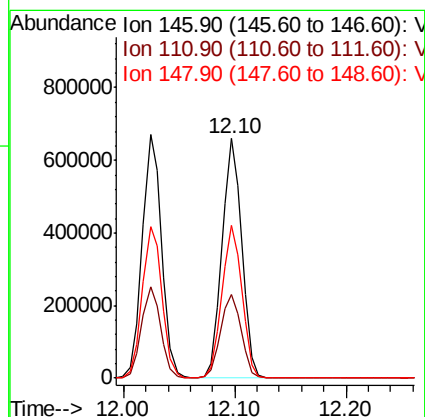
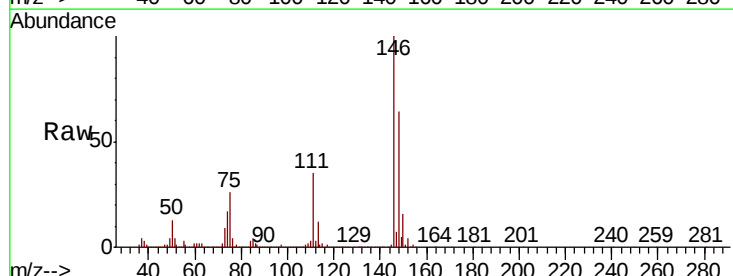
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

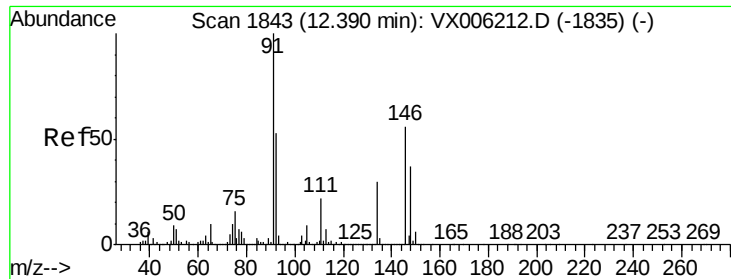
Tot Ion:146 Resp: 814290
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.4 55.2
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion:146 Resp: 809780
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.3 54.8
 148 64.7 31.9 95.9

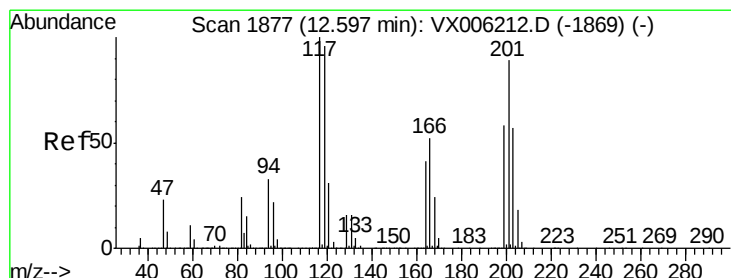
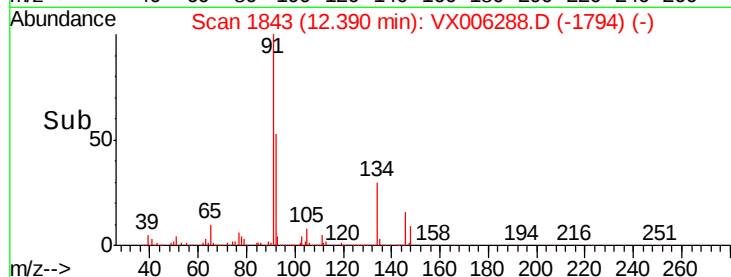
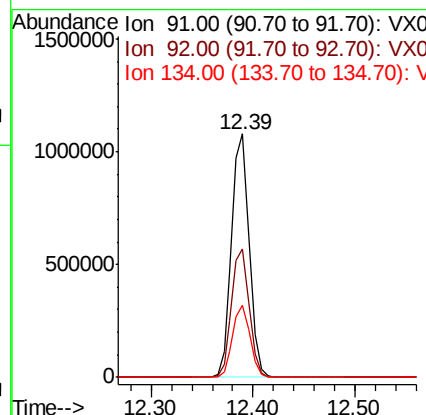
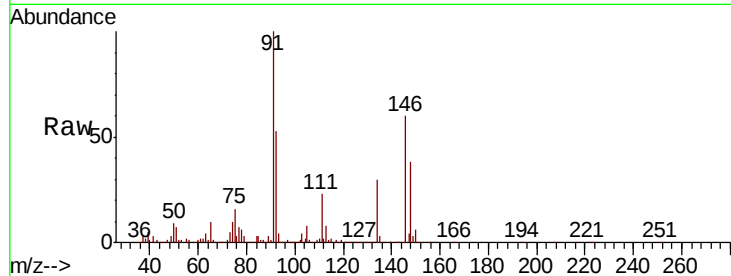




#89
n-Butylbenzene
Concen: 50.025 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

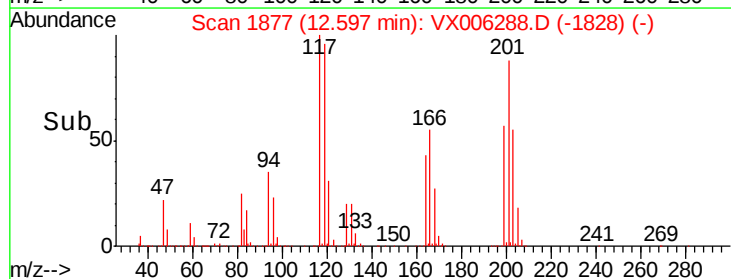
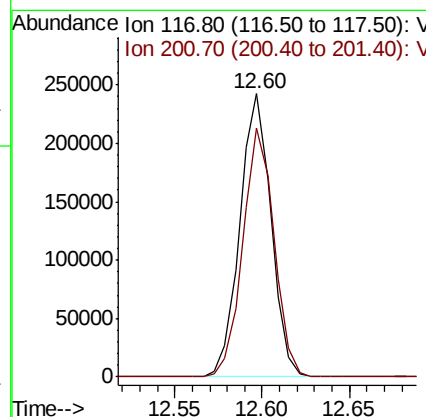
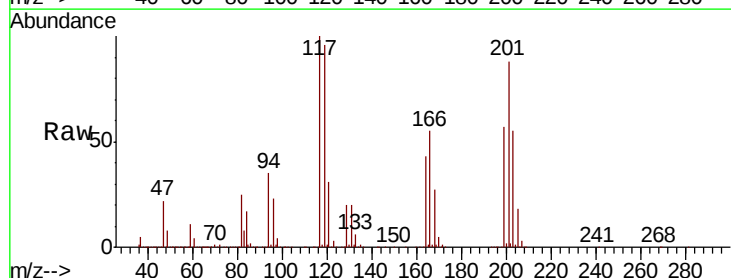
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

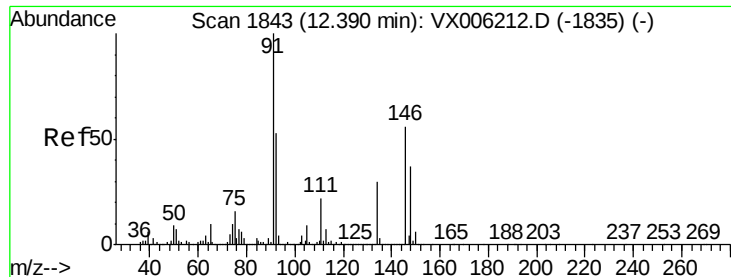
Tot Ion: 91 Resp: 1283699
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 48.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 117 Resp: 299634
Ion Ratio Lower Upper
117 100
201 88.0 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 49.470 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

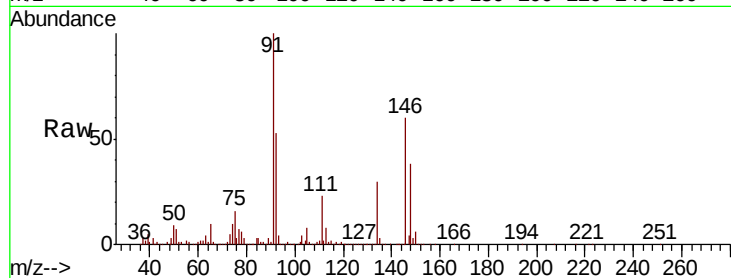
Tot Ion:146 Resp: 801786

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

800000

600000

400000

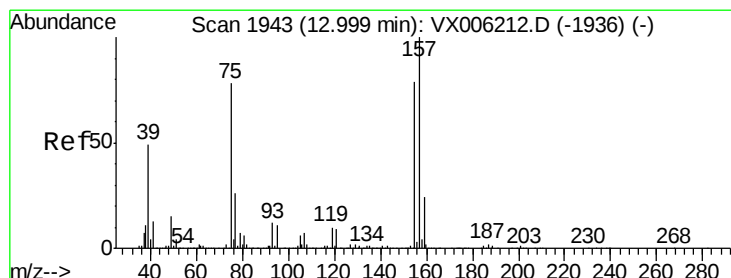
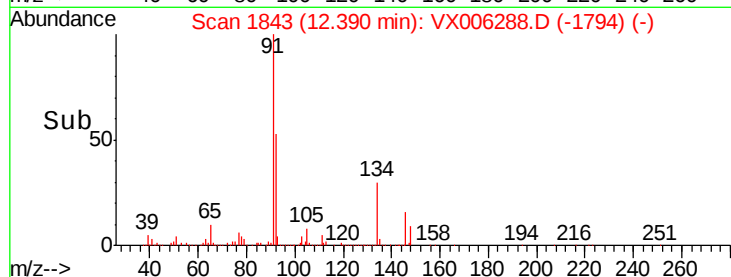
200000

0

12.30

12.40

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.948 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

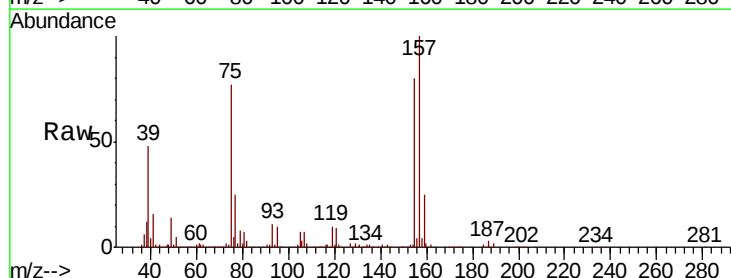
Tgt Ion: 75 Resp: 121904

Ion Ratio Lower Upper

75 100

155 105.5 53.4 160.3

157 134.5 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

150000

100000

50000

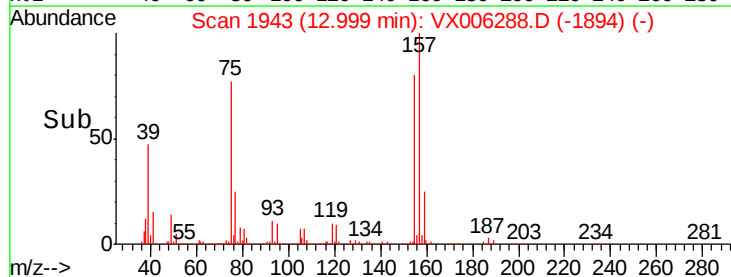
0

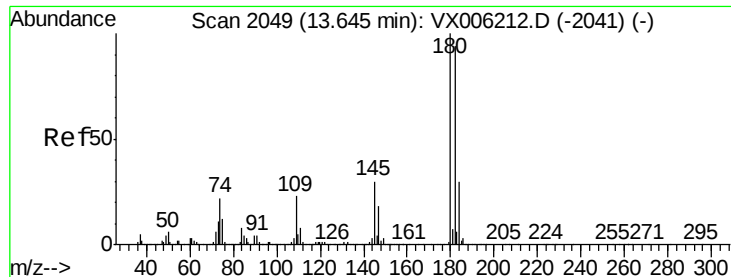
12.95

13.00

13.05

Time-->

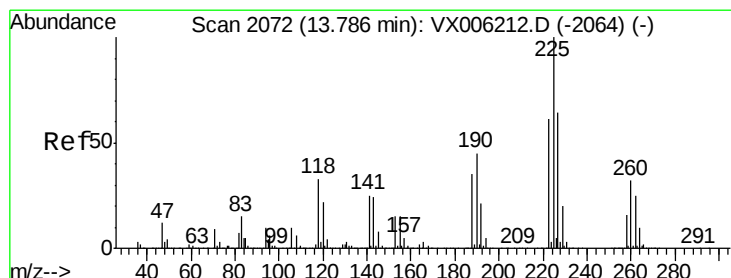
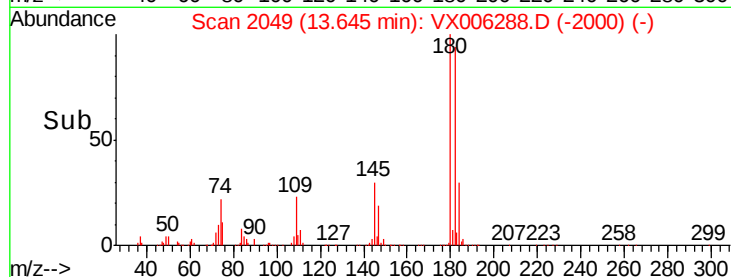
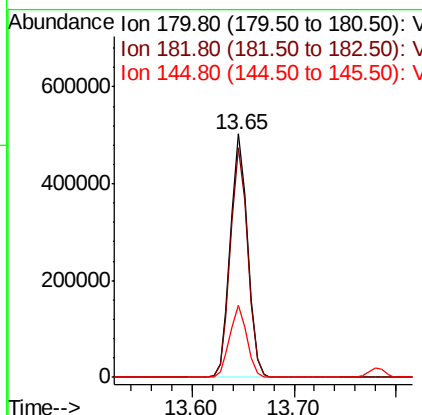
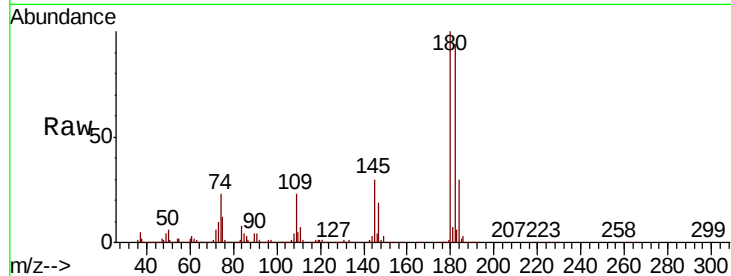




#93
 1,2,4-Trichlorobenzene
 Concen: 49.461 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

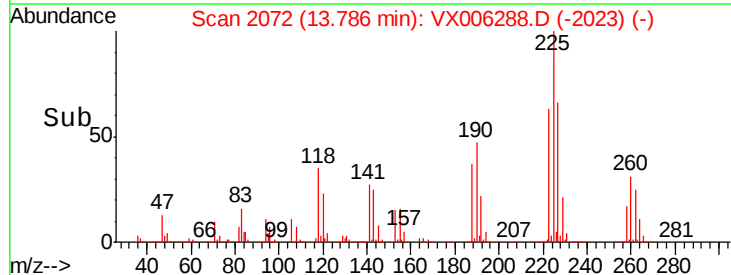
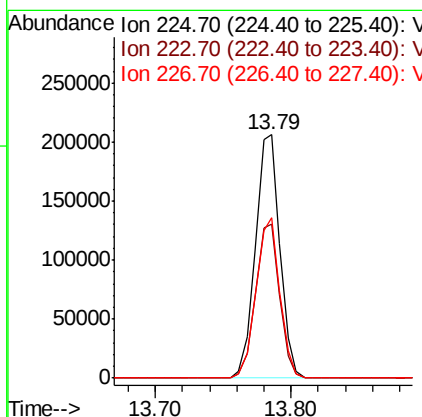
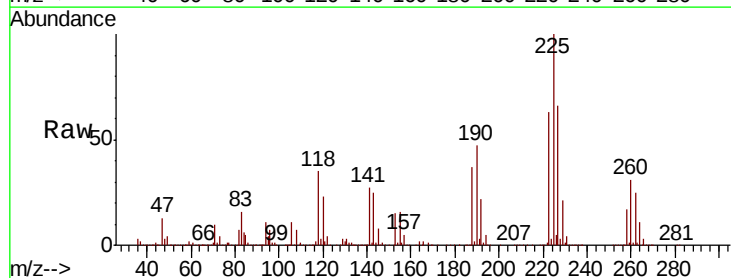
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

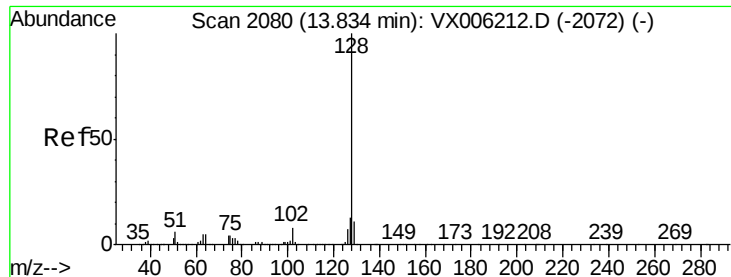
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 49.702 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	64.1	31.9	95.5

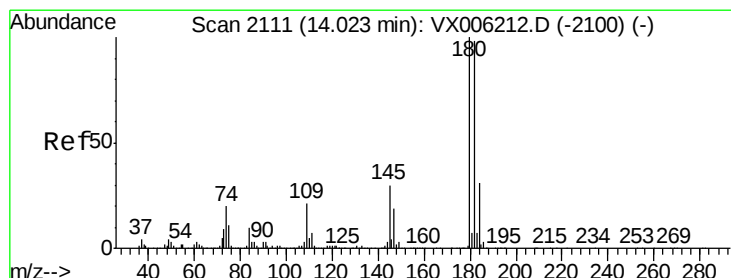
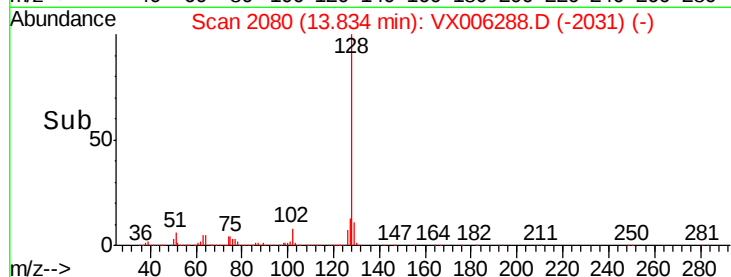
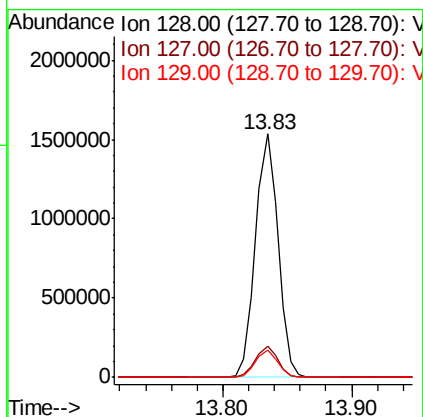
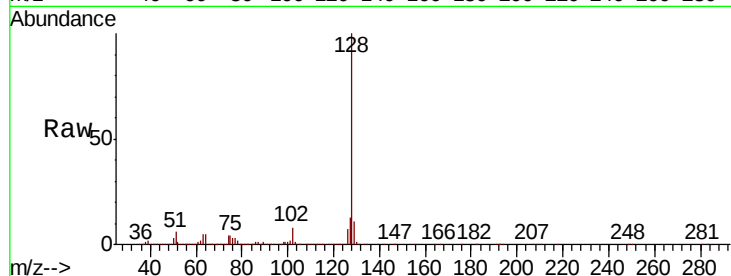




#95
Naphthalene
Concen: 50.157 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1844862
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.935 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion:180 Resp: 584821
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.2
145 31.6 15.6 46.8

