

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006486.D
 Acq On : 13 Dec 2018 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 00:09:15 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	540306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	827704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	773592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407711	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	289070	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
35) Dibromofluoromethane	5.50	113	268339	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	8.71	98	986244	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	387899	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	279448	52.822	ug/l	99
3) Chloromethane	1.33	50	283222	52.096	ug/l	99
4) Vinyl Chloride	1.41	62	309020	52.814	ug/l	95
5) Bromomethane	1.64	94	292008	72.011	ug/l	98
6) Chloroethane	1.72	64	193048	53.811	ug/l	99
7) Trichlorofluoromethane	1.93	101	480069	53.450	ug/l	98
8) Diethyl Ether	2.19	74	181023	53.254	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	293008	57.373	ug/l	99
10) Methyl Iodide	2.51	142	456276	59.283	ug/l	99
11) Tert butyl alcohol	3.07	59	343578	227.775	ug/l	100
12) 1,1-Dichloroethene	2.37	96	265205	54.245	ug/l	93
13) Acrolein	2.29	56	223416	270.991	ug/l	98
14) Allyl chloride	2.73	41	447260	46.311	ug/l	98
15) Acrylonitrile	3.15	53	766373	243.472	ug/l	99
16) Acetone	2.45	43	729738	281.920	ug/l	96
17) Carbon Disulfide	2.57	76	708029	46.998	ug/l	99
18) Methyl Acetate	2.78	43	414508	47.885	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	894687	51.298	ug/l	98
20) Methylene Chloride	2.86	84	295628	53.664	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	284329	54.573	ug/l	94
22) Diisopropyl ether	3.87	45	815358	54.051	ug/l	95
23) Vinyl Acetate	3.82	43	3521549	273.704	ug/l	98
24) 1,1-Dichloroethane	3.70	63	494772	57.383	ug/l	98
25) 2-Butanone	4.70	43	988322	267.594	ug/l	99
26) 2,2-Dichloropropane	4.59	77	410693	51.612	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	325304	55.976	ug/l	98
28) Bromochloromethane	5.02	49	198264	52.644	ug/l	100
29) Tetrahydrofuran	5.15	42	645301	251.395	ug/l	98
30) Chloroform	5.21	83	509027	56.179	ug/l	99
31) Cyclohexane	5.57	56	445069	55.855	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	451804	52.407	ug/l	99
36) 1,1-Dichloropropene	5.80	75	379267	54.413	ug/l	100
37) Ethyl Acetate	4.85	43	380313	48.723	ug/l	99
38) Carbon Tetrachloride	5.78	117	403337	49.189	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	522606	57.763	ug/l	96
40) Benzene	6.14	78	1146643	54.926	ug/l	98
41) Methacrylonitrile	5.06	41	208901	48.637	ug/l	98
42) 1,2-Dichloroethane	6.20	62	377863	55.305	ug/l	100
43) Isopropyl Acetate	6.46	43	613204	47.118	ug/l	99
44) Trichloroethene	7.21	130	345681	54.659	ug/l	98
45) 1,2-Dichloropropane	7.51	63	271412	51.155	ug/l	98
46) Dibromomethane	7.66	93	205562	53.645	ug/l	96
47) Bromodichloromethane	7.90	83	364897	49.174	ug/l	98
48) Methyl methacrylate	7.77	41	314691	49.704	ug/l	97
49) 1,4-Dioxane	7.75	88	159239	1020.479	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1922623	253.773	ug/l	98
52) Toluene	8.79	92	765973	55.771	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	420278	48.428	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	458939	50.928	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	308570	55.303	ug/l	98
56) Ethyl methacrylate	9.18	69	468014	53.654	ug/l	96
57) 1,3-Dichloropropane	9.37	76	491234	55.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1068826	241.467	ug/l	99
59) 2-Hexanone	9.49	43	1482201	256.073	ug/l	99
60) Dibromochloromethane	9.59	129	332039	48.260	ug/l	98
61) 1,2-Dibromoethane	9.67	107	337489	54.094	ug/l	99
64) Tetrachloroethene	9.34	164	316126	54.263	ug/l	97
65) Chlorobenzene	10.14	112	906418	55.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315889	49.509	ug/l	99
67) Ethyl Benzene	10.25	91	1490640	54.577	ug/l	99
68) m/p-Xylenes	10.36	106	1204869	110.128	ug/l	99
69) o-Xylene	10.70	106	585257	54.157	ug/l	100
70) Styrene	10.71	104	948312	54.256	ug/l	99
71) Bromoform	10.86	173	251630	41.778	ug/l #	100
73) Isopropylbenzene	11.02	105	1545572	54.893	ug/l	100
74) N-amyl acetate	10.90	43	573897	47.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	460273	51.098	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	532256	67.635	ug/l	86
77) Bromobenzene	11.26	156	418120	53.511	ug/l	98
78) n-propylbenzene	11.36	91	1740714	55.617	ug/l	99
79) 2-Chlorotoluene	11.42	91	1024727	55.086	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1303358	55.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	140276	41.831	ug/l	91
82) 4-Chlorotoluene	11.51	91	1191306	55.081	ug/l	100
83) tert-Butylbenzene	11.77	119	1357063	54.293	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1334624	55.172	ug/l	100
85) sec-Butylbenzene	11.94	105	1606809	56.507	ug/l	100
86) p-Isopropyltoluene	12.06	119	1451075	56.671	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	771596	55.496	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	766169	54.293	ug/l	100
89) n-Butylbenzene	12.39	91	1252574	57.332	ug/l	100
90) Hexachloroethane	12.60	117	237796	45.567	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	741310	53.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97451	42.204	ug/l	96

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

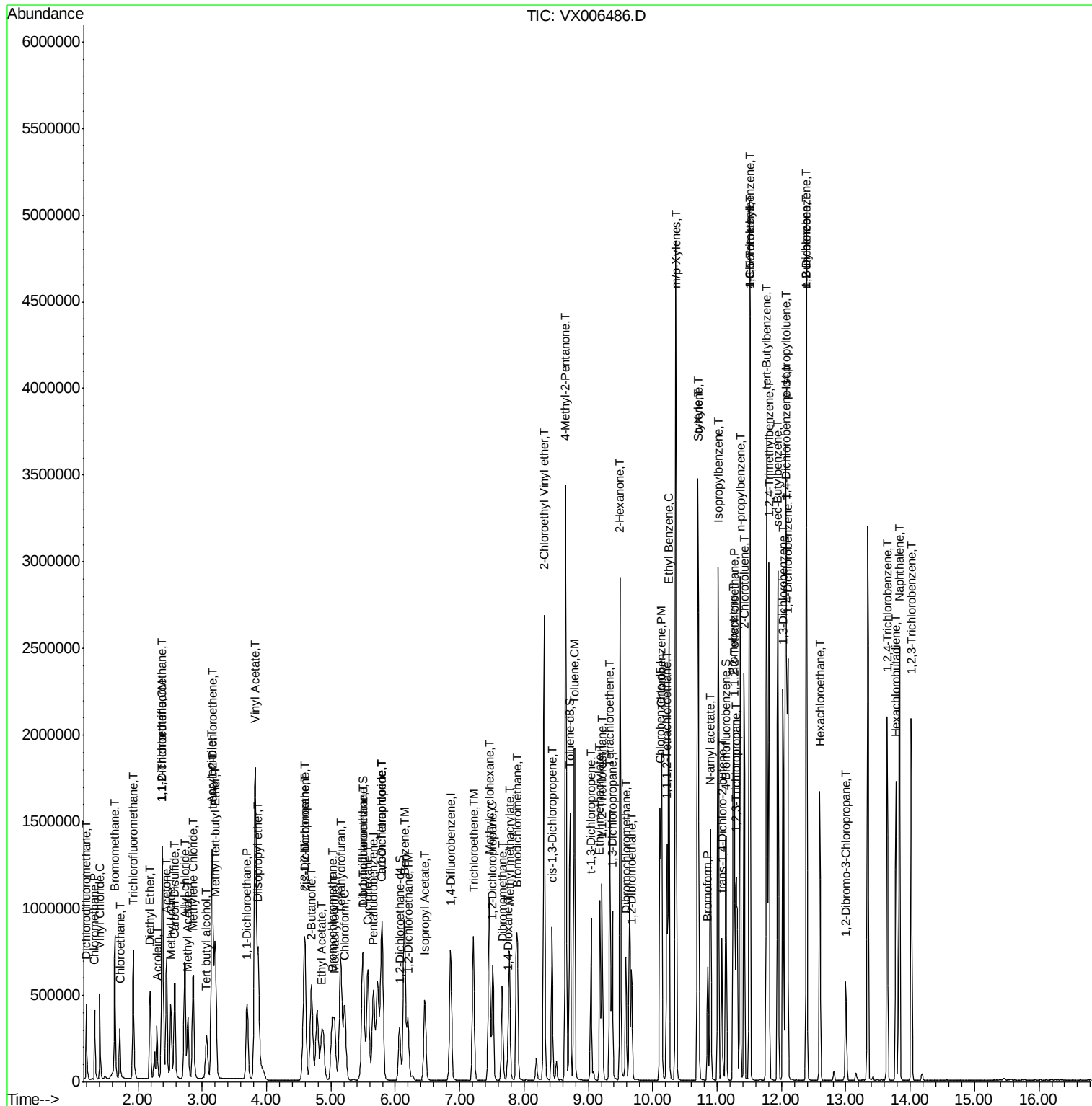
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	538236	53.465	ug/l	99
94) Hexachlorobutadiene	13.78	225	253197	56.872	ug/l	100
95) Naphthalene	13.83	128	1637107	52.279	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	533210	53.475	ug/l	98

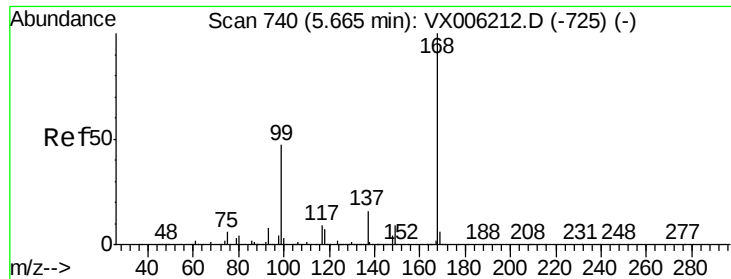
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Operator  : JC/MD  
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Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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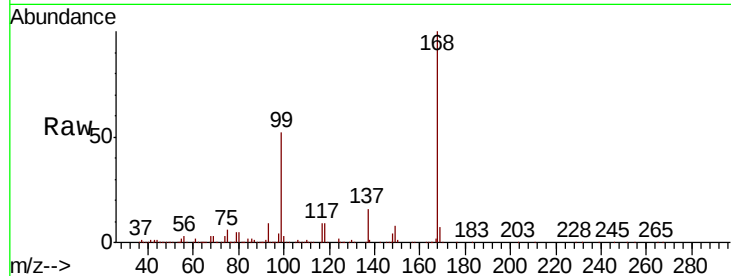


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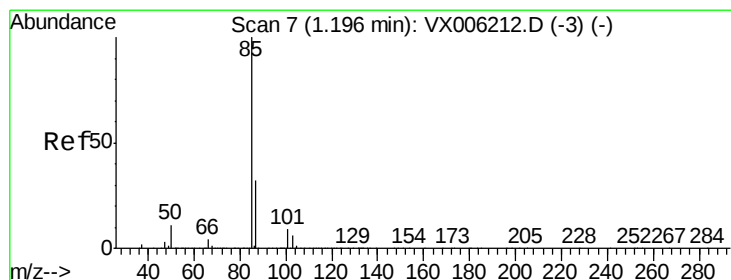
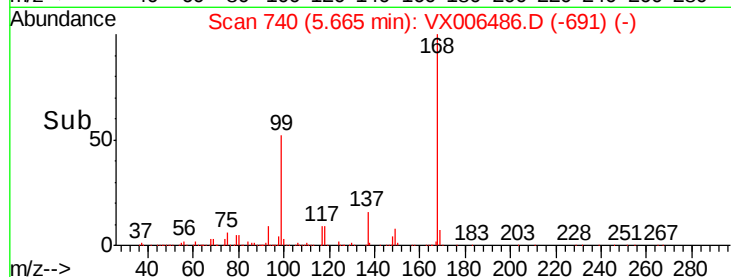
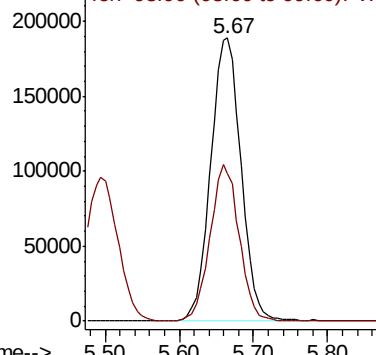
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:168 Resp: 540306
 Ion Ratio Lower Upper
 168 100
 99 51.9 37.8 56.8



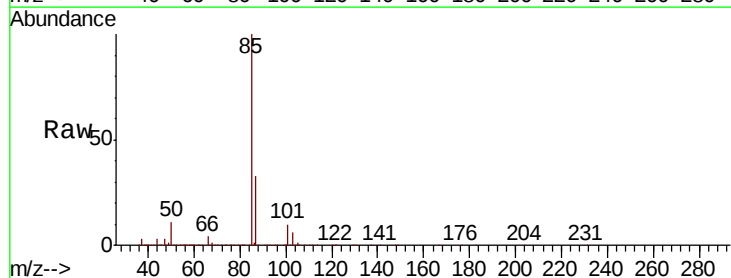
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



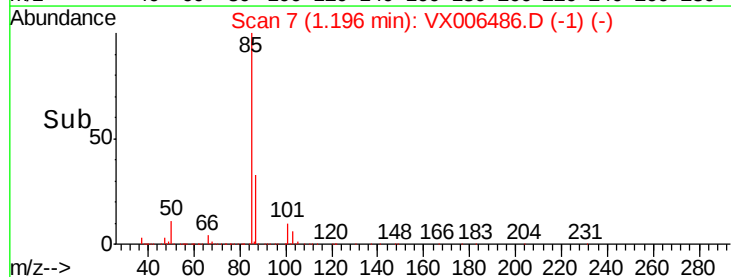
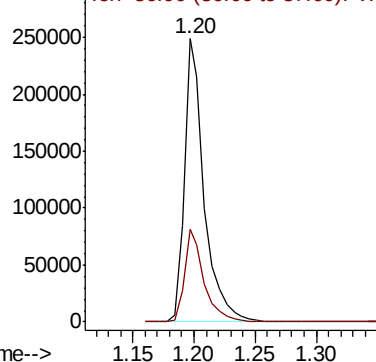
#2

Dichlorodifluoromethane
 Concen: 52.822 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 85 Resp: 279448
 Ion Ratio Lower Upper
 85 100
 87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

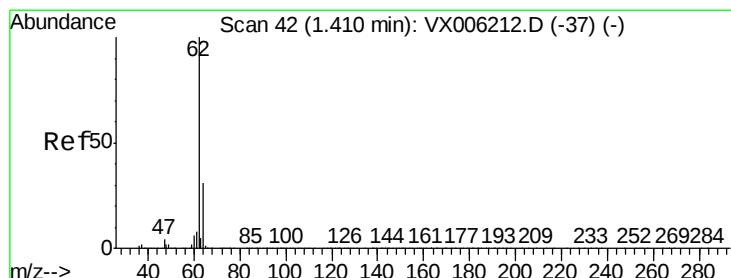
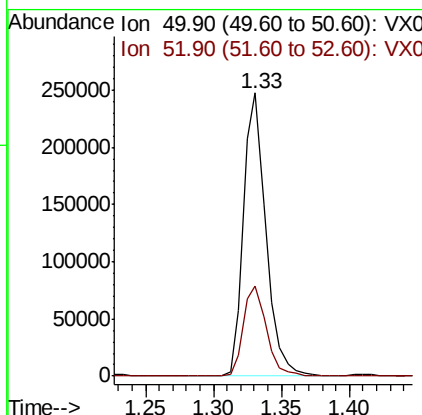
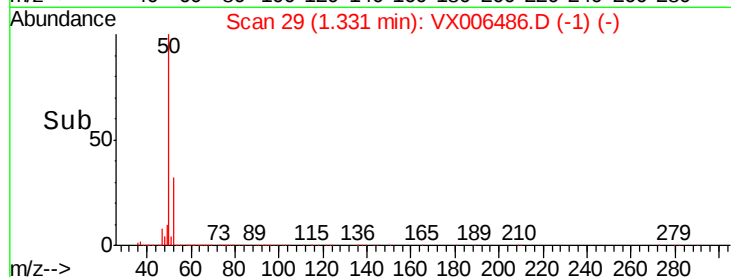
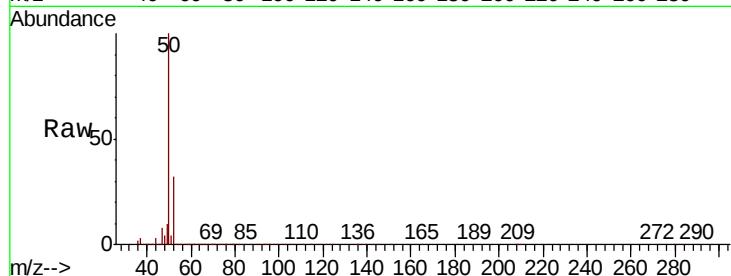




#3
Chloromethane
Concen: 52.096 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

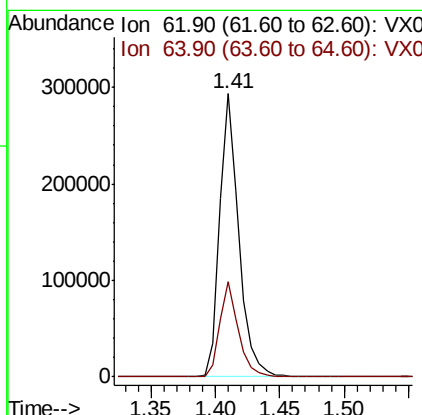
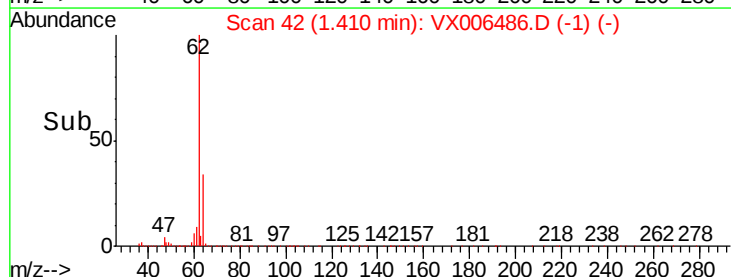
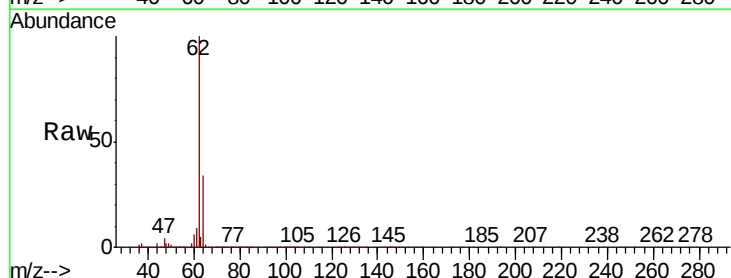
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

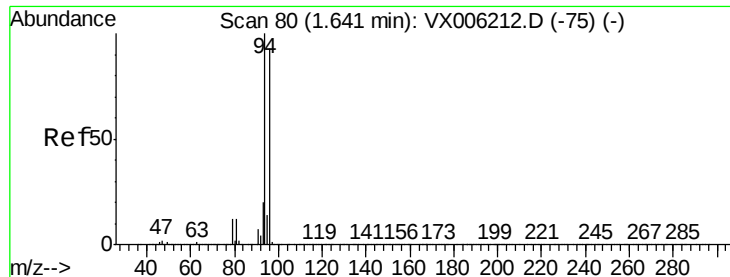
Tot Ion: 50 Resp: 283222
Ion Ratio Lower Upper
50 100
52 31.9 25.2 37.8



#4
Vinyl Chloride
Concen: 52.814 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 62 Resp: 309020
Ion Ratio Lower Upper
62 100
64 33.7 24.9 37.3





#5

Bromomethane

Concen: 72.011 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

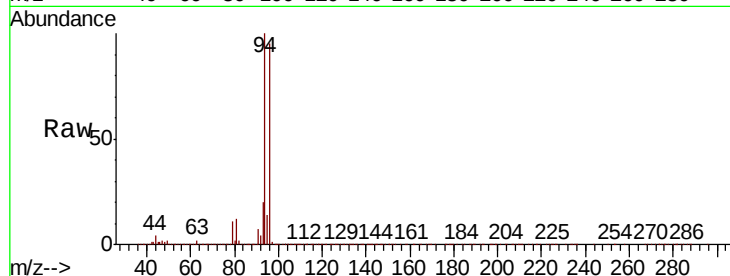
VSTDCCC050

Tot Ion: 94 Resp: 292008

Ion Ratio Lower Upper

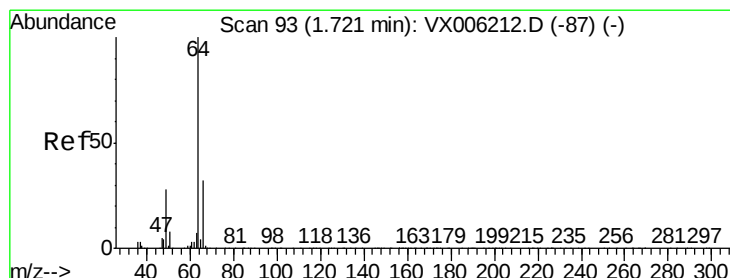
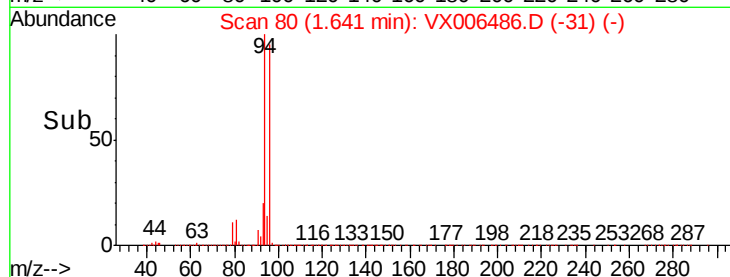
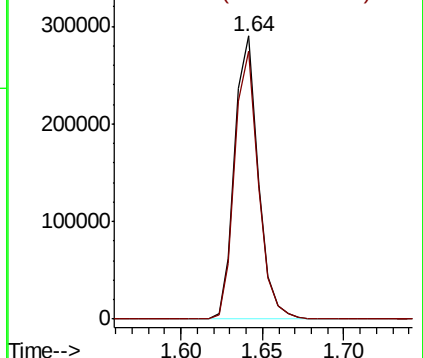
94 100

96 94.8 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: 53.811 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006486.D

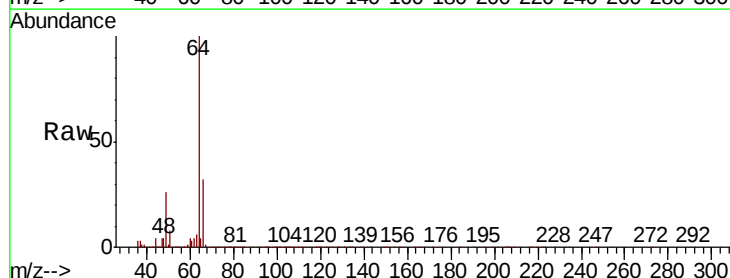
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Tgt Ion: 64 Resp: 193048

Ion Ratio Lower Upper

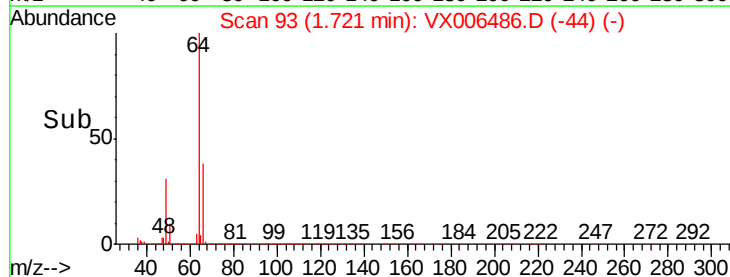
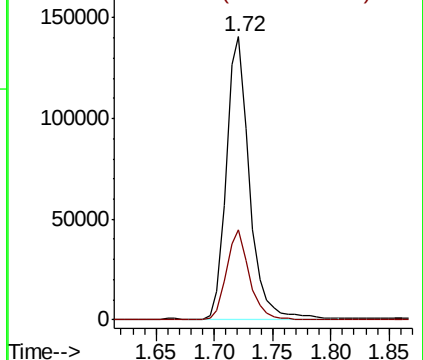
64 100

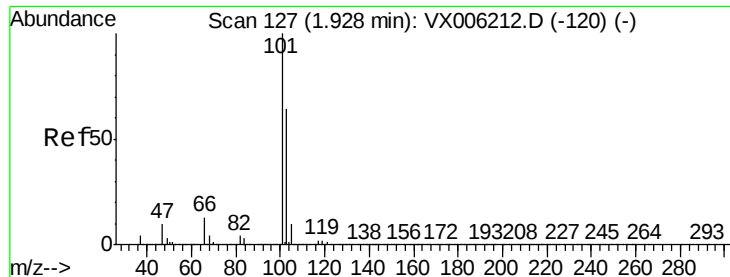
66 31.6 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



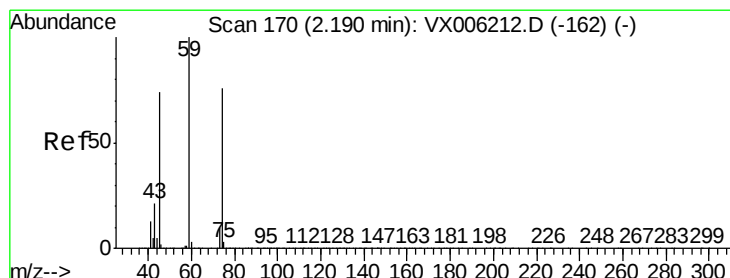
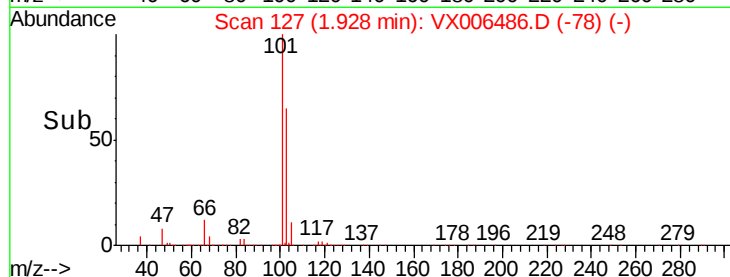
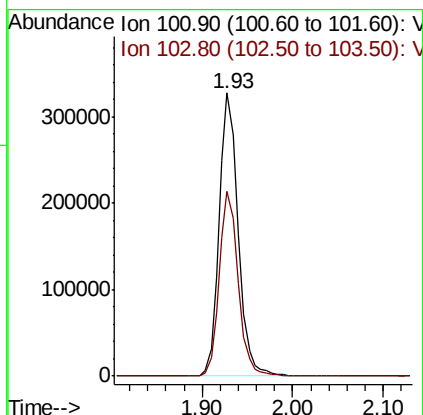
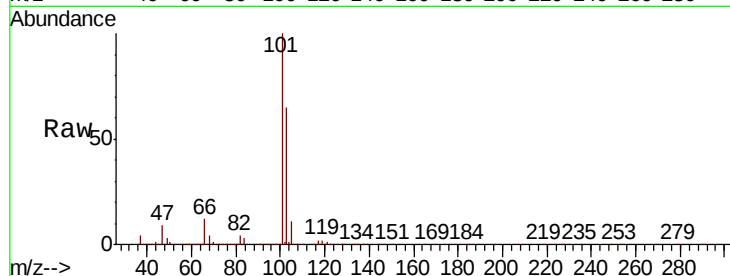


#7

Trichlorofluoromethane
 Concen: 53.450 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
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 ClientSampleId :
 VSTDCCC050

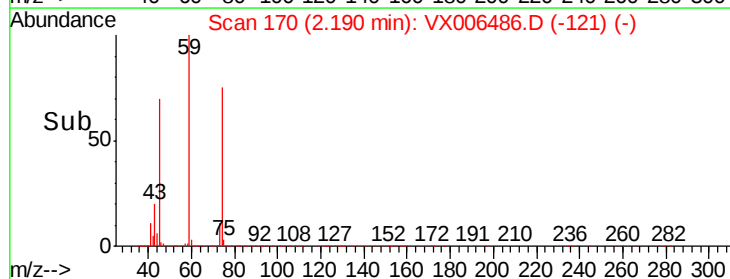
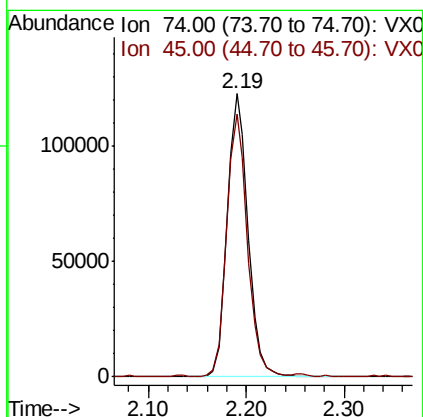
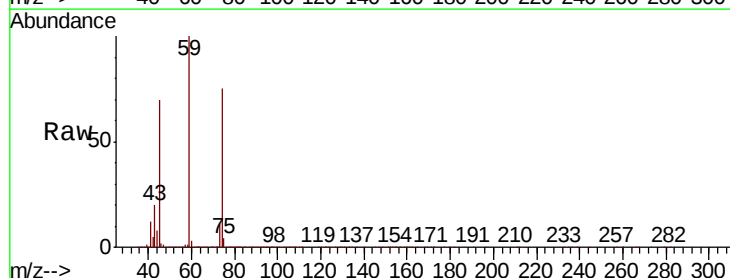
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 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.4

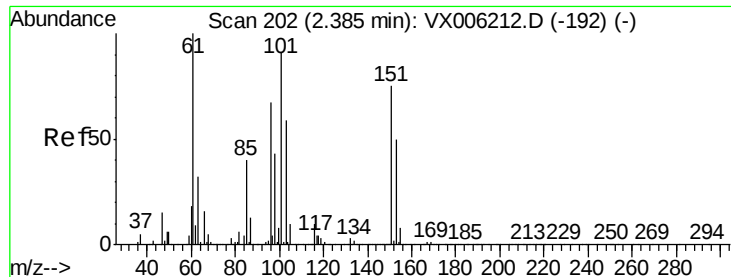


#8

Diethyl Ether
 Concen: 53.254 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 74 Resp: 181023
 Ion Ratio Lower Upper
 74 100
 45 91.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.373 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

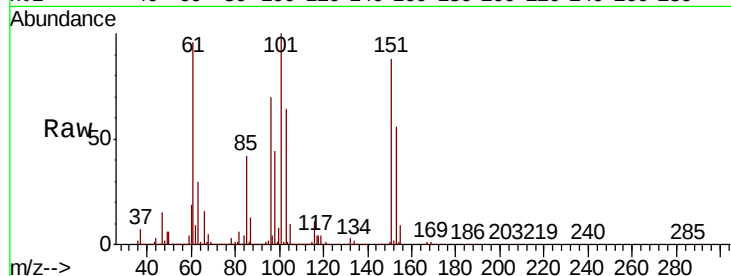
Tot Ion:101 Resp: 293008

Ion Ratio Lower Upper

101 100

85 43.0 35.5 53.3

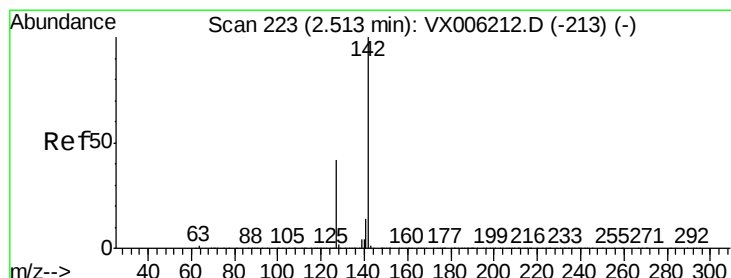
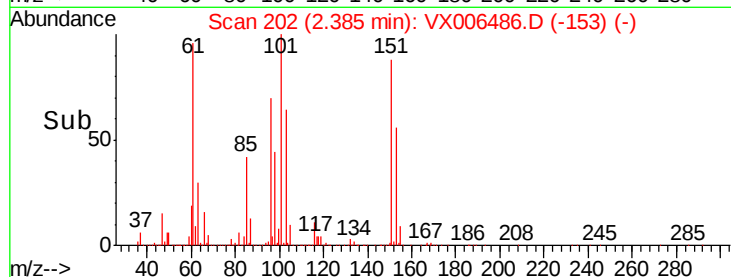
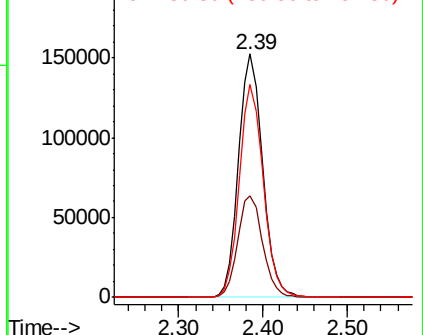
151 86.8 68.6 103.0



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: 59.283 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

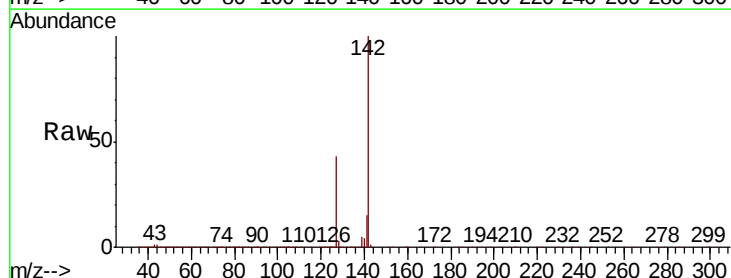
Tgt Ion:142 Resp: 456276

Ion Ratio Lower Upper

142 100

127 42.9 34.8 52.2

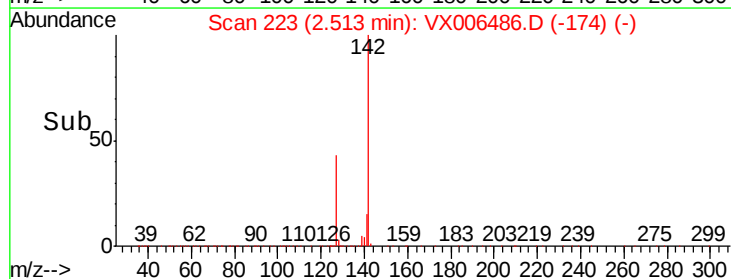
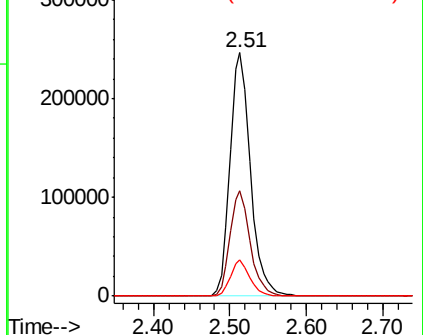
141 14.3 11.4 17.2

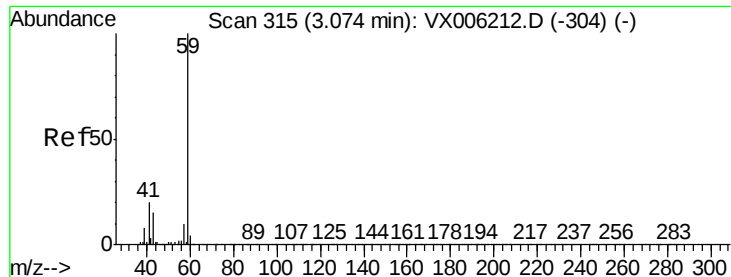


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



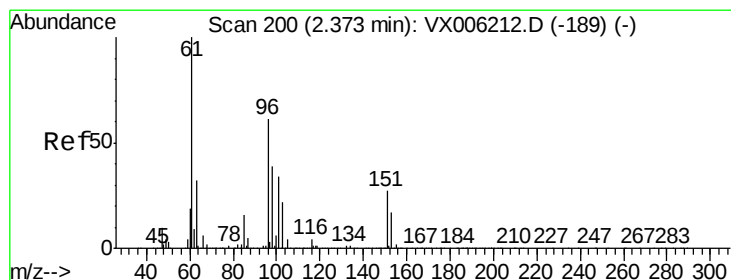
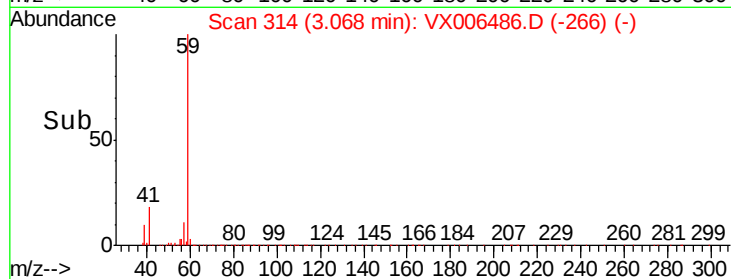
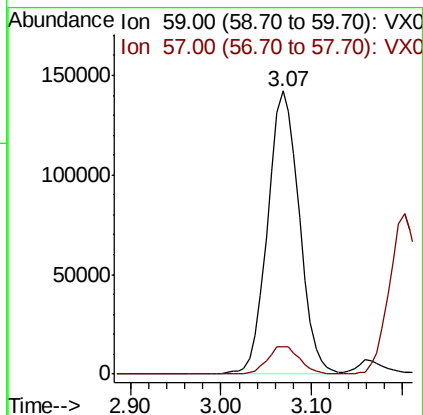
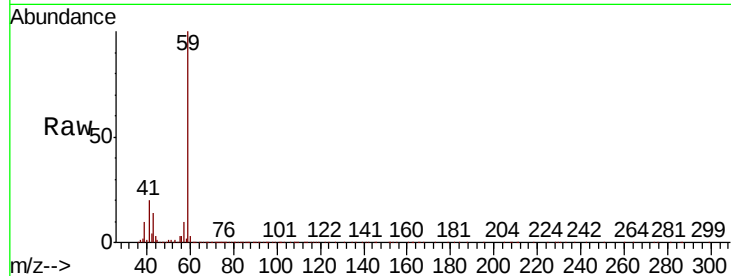


#11

Tert butyl alcohol
Concen: 227.775 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

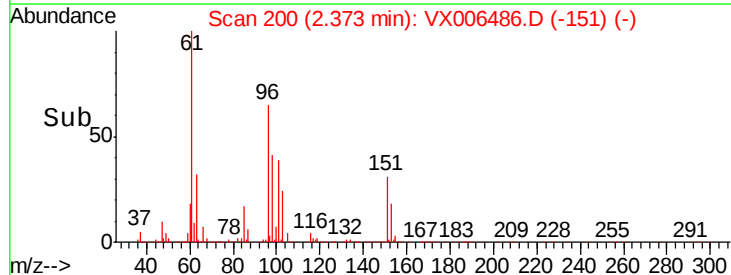
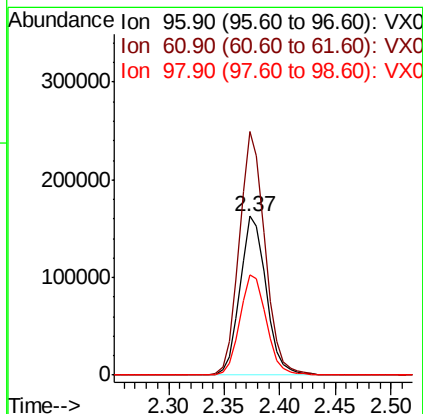
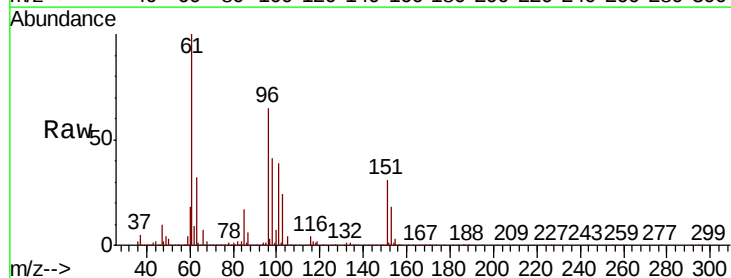
Tot Ion: 59 Resp: 343578
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

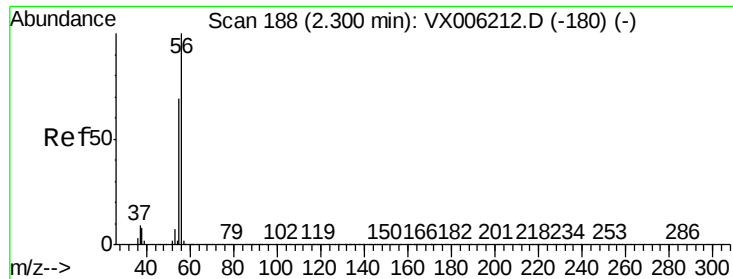


#12

1,1-Dichloroethene
Concen: 54.245 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 96 Resp: 265205
Ion Ratio Lower Upper
96 100
61 153.0 131.7 197.5
98 63.0 51.8 77.6





#13

Acrolein

Concen: 270.991 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

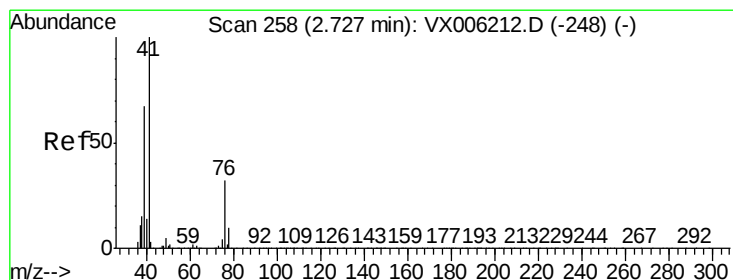
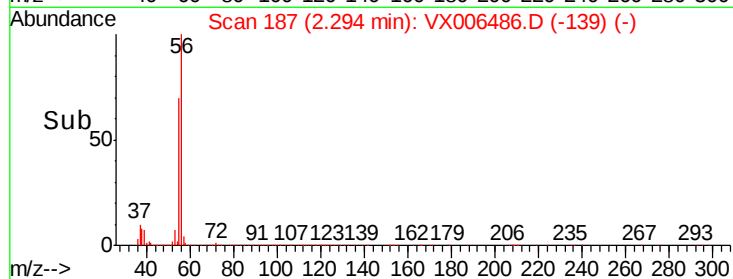
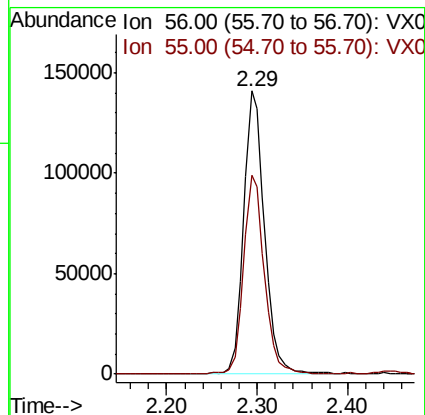
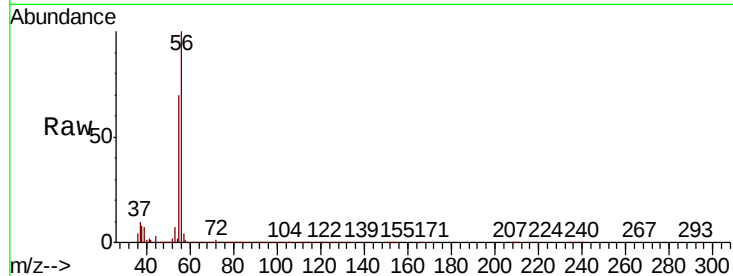
VSTDCCC050

Tot Ion: 56 Resp: 223416

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 46.311 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

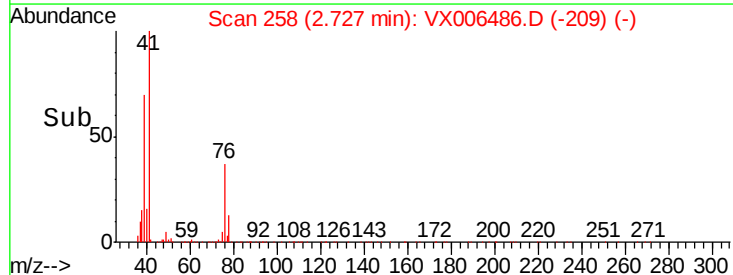
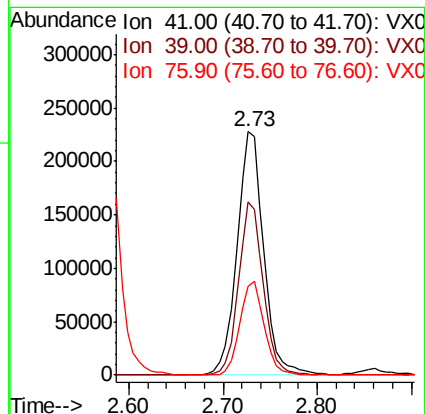
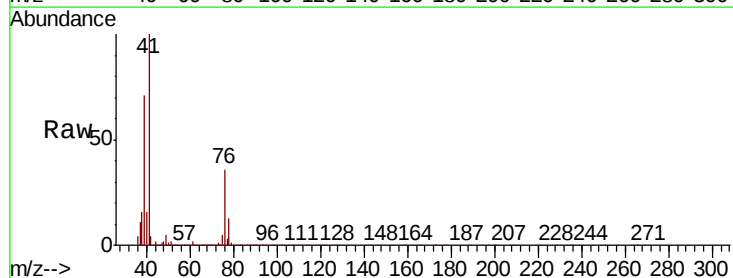
Tgt Ion: 41 Resp: 447260

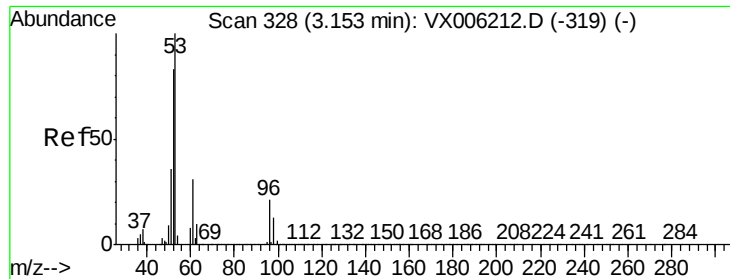
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 35.1 25.4 38.0

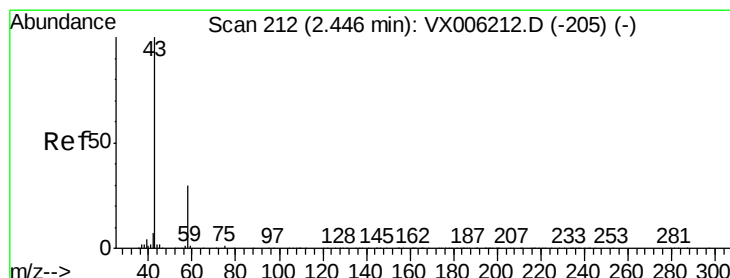
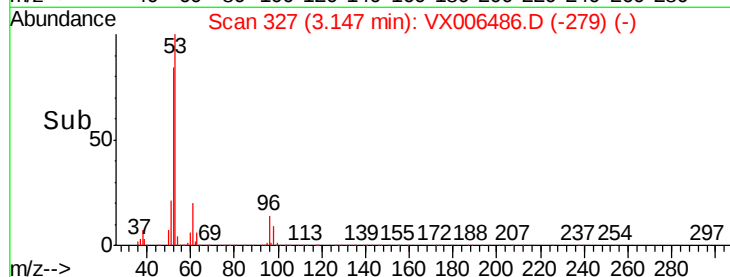
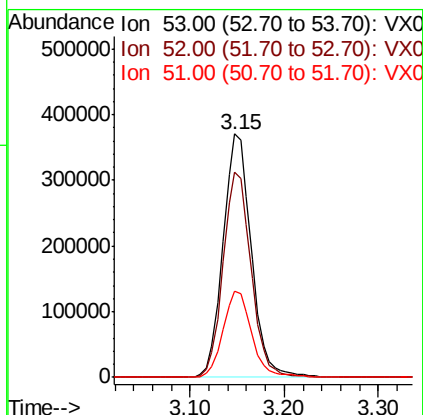
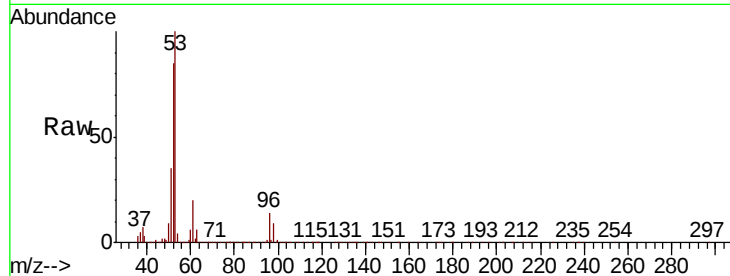




#15
 Acrylonitrile
 Concen: 243.472 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

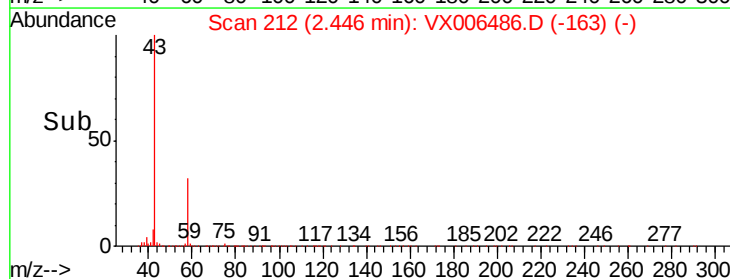
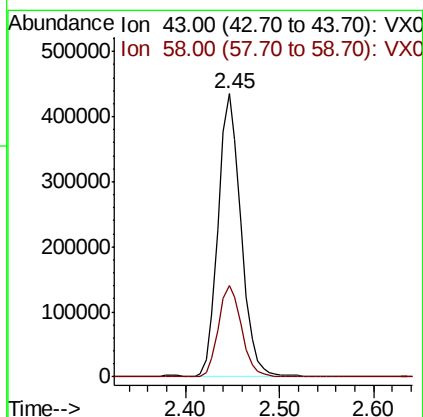
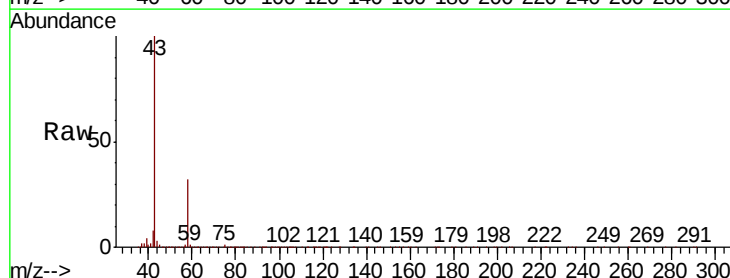
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

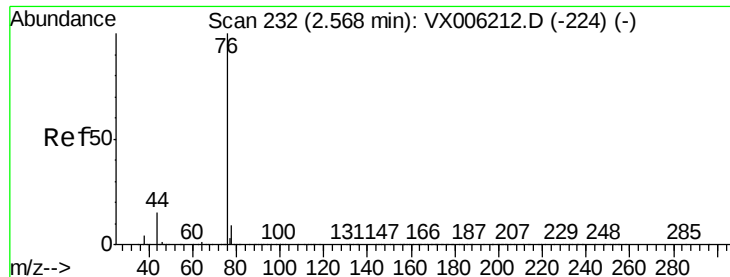
Tot Ion	53	Resp	766373
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.2	99.4
51	35.8	28.7	43.1



#16
 Acetone
 Concen: 281.920 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	43	Resp	729738
Ion Ratio	Lower	Upper	
43	100		
58	32.3	24.0	36.0





#17

Carbon Disulfide

Concen: 46.998 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

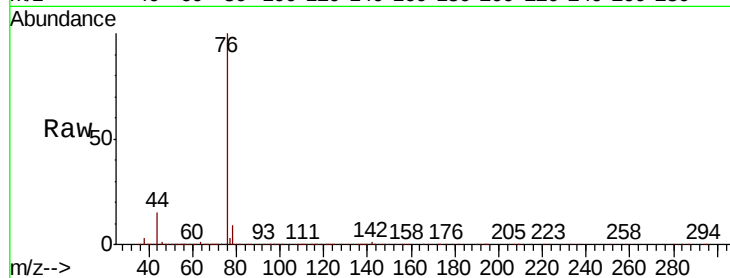
VSTDCCC050

Tot Ion: 76 Resp: 708029

Ion Ratio Lower Upper

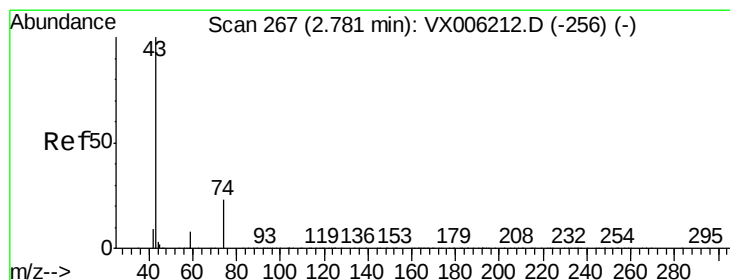
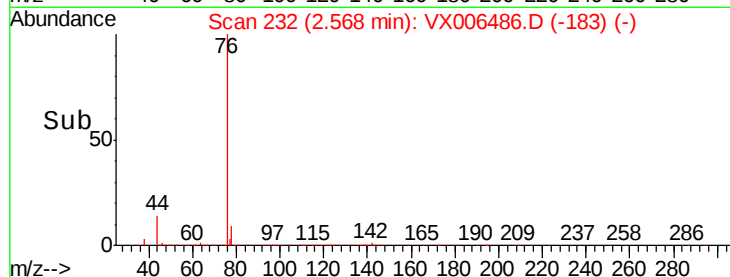
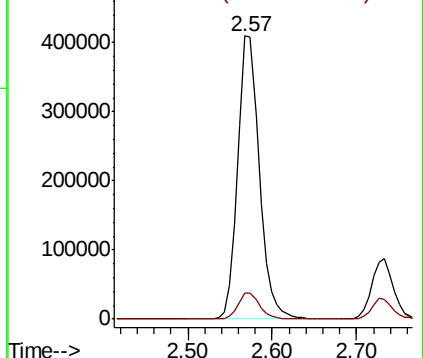
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.885 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006486.D

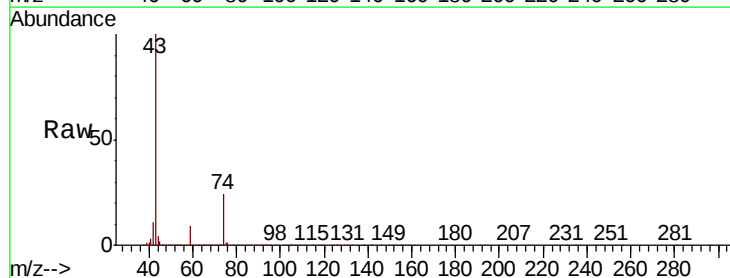
Acq: 13 Dec 2018 10:41

Tgt Ion: 43 Resp: 414508

Ion Ratio Lower Upper

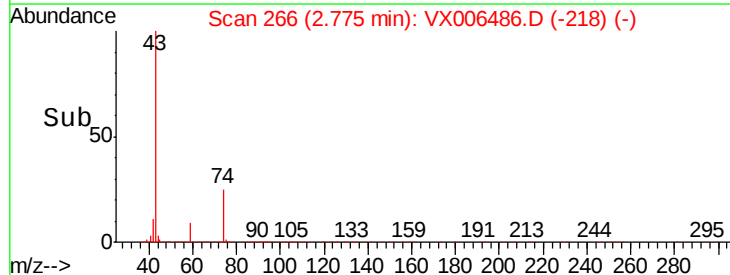
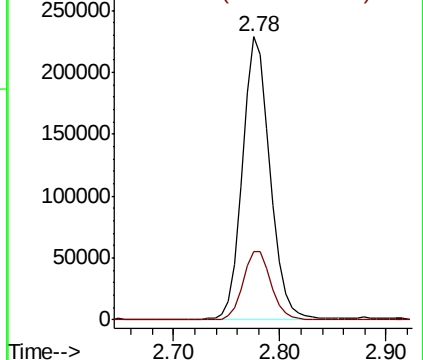
43 100

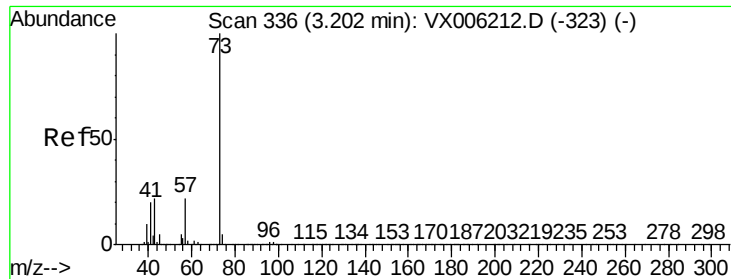
74 25.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



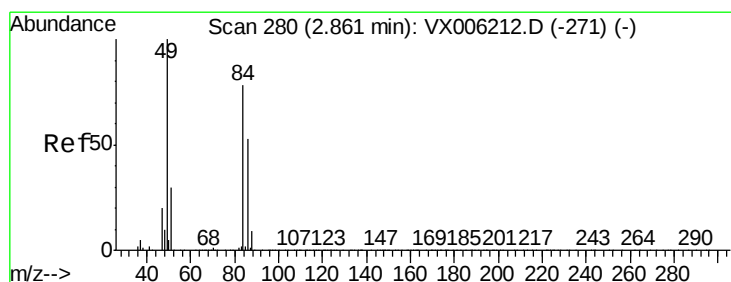
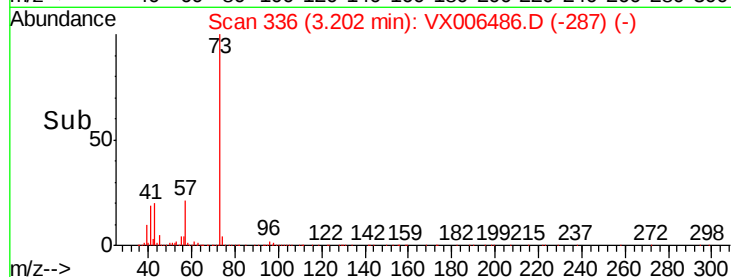
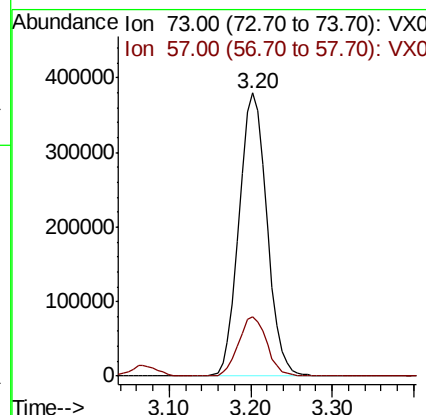
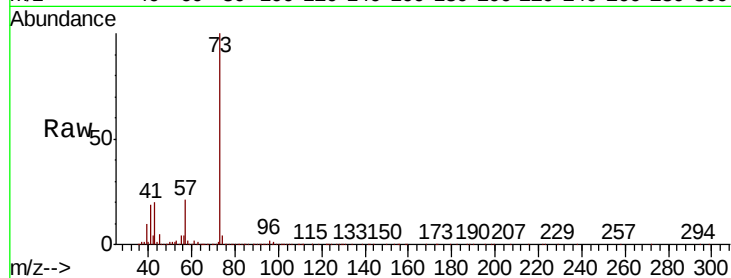


#19

Methyl tert-butyl Ether
 Concen: 51.298 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

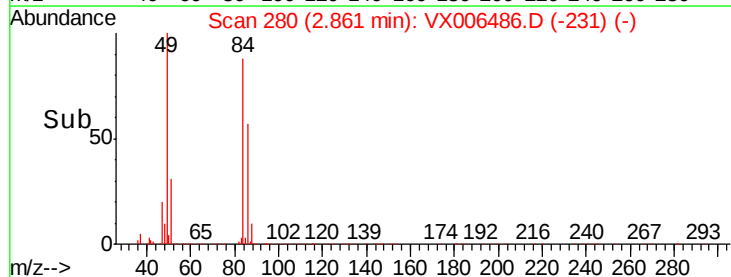
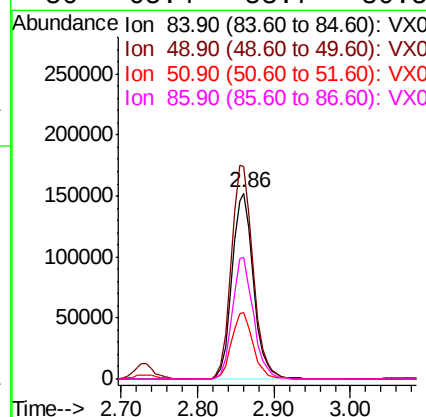
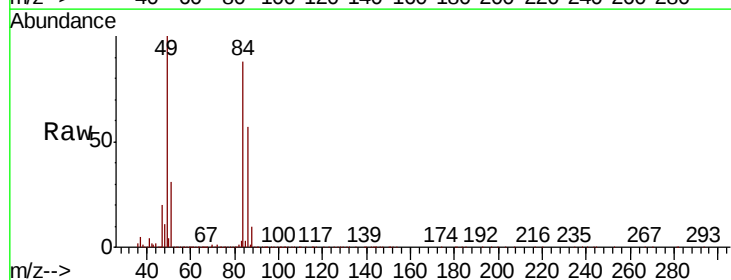
Tot Ion: 73 Resp: 894687
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3



#20

Methylene Chloride
 Concen: 53.664 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 84 Resp: 295628
 Ion Ratio Lower Upper
 84 100
 49 114.3 102.2 153.4
 51 35.5 31.1 46.7
 86 65.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 54.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

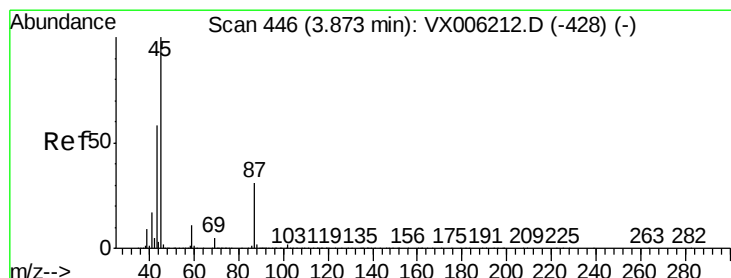
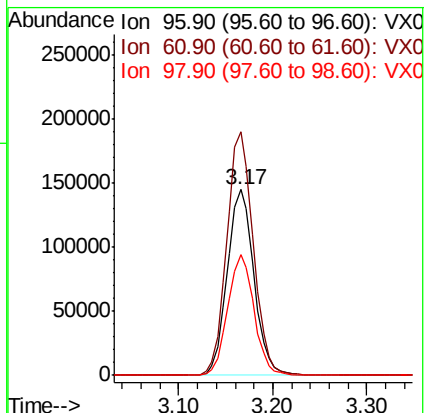
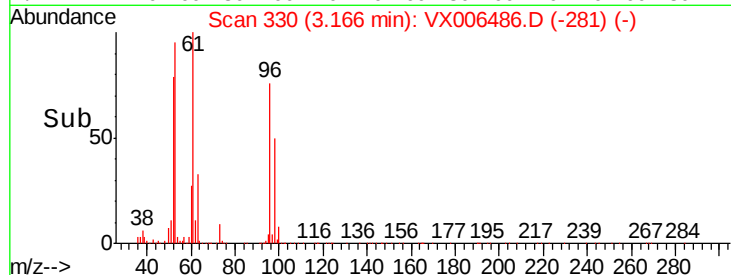
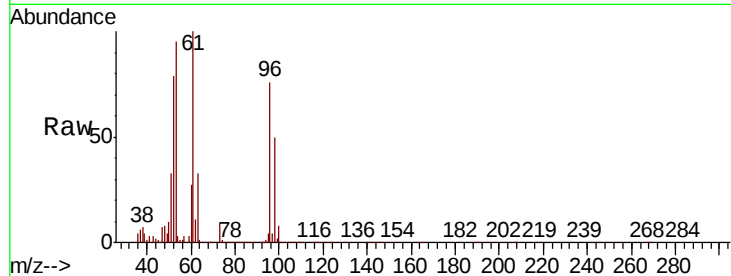
Tot Ion: 96 Resp: 284329

Ion Ratio Lower Upper

96 100

61 131.3 113.3 169.9

98 65.4 53.2 79.8



#22

Diisopropyl ether

Concen: 54.051 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion: 45 Resp: 815358

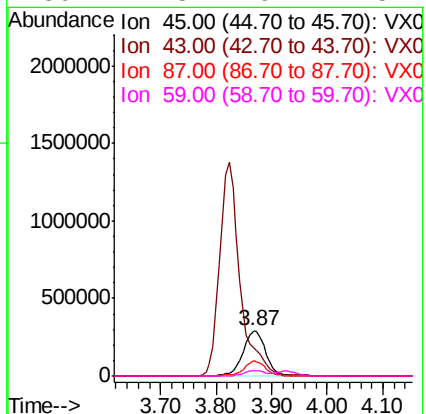
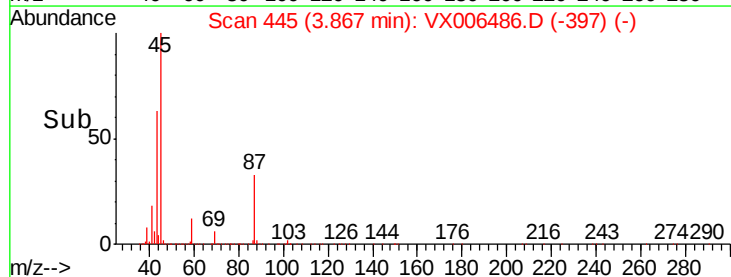
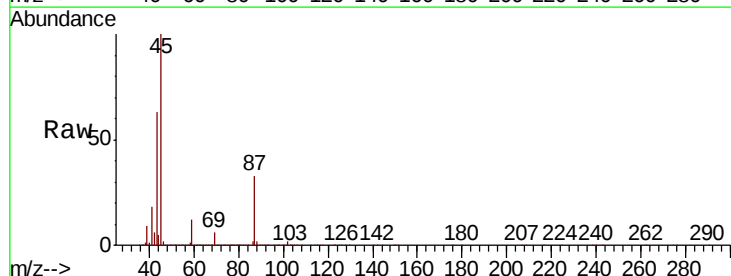
Ion Ratio Lower Upper

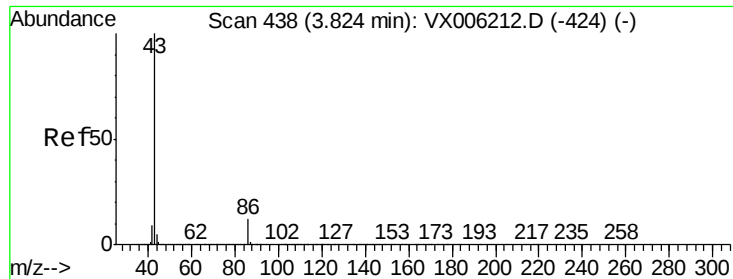
45 100

43 62.5 46.2 69.2

87 33.4 24.9 37.3

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 273.704 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

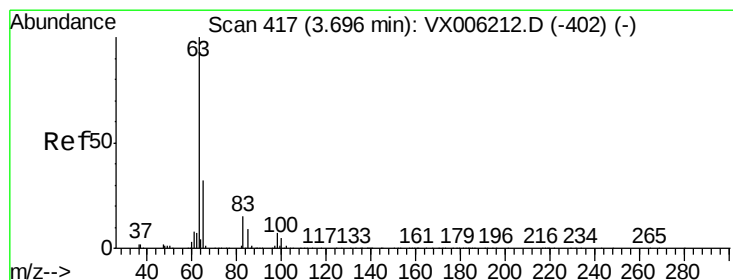
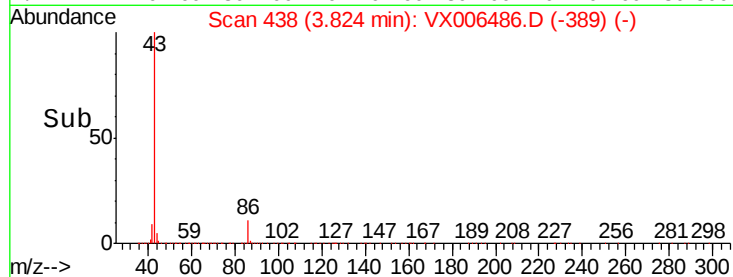
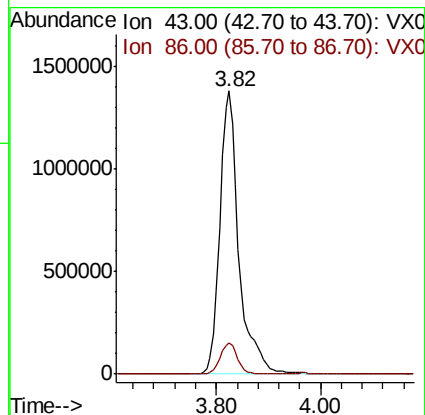
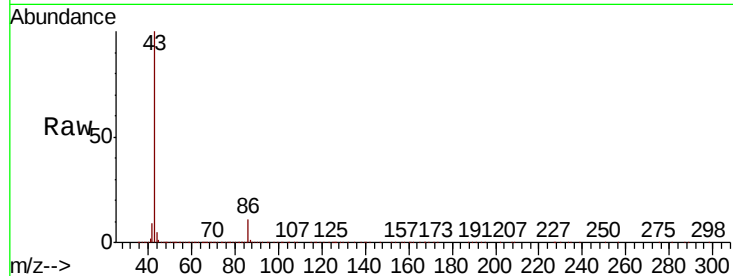
VSTDCCC050

Tot Ion: 43 Resp: 3521549

Ion Ratio Lower Upper

43 100

86 11.0 9.4 14.0



#24

1,1-Dichloroethane

Concen: 57.383 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

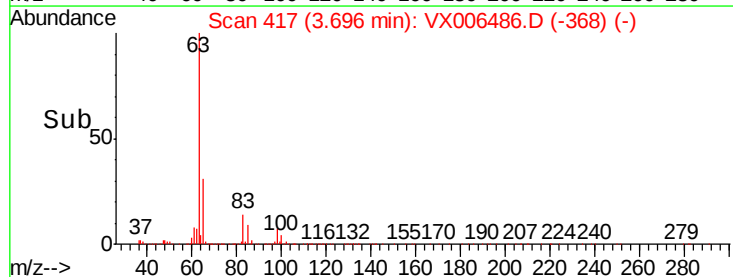
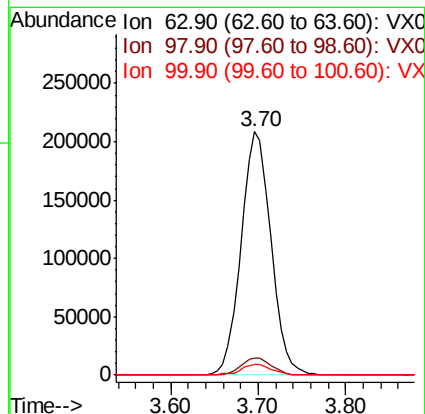
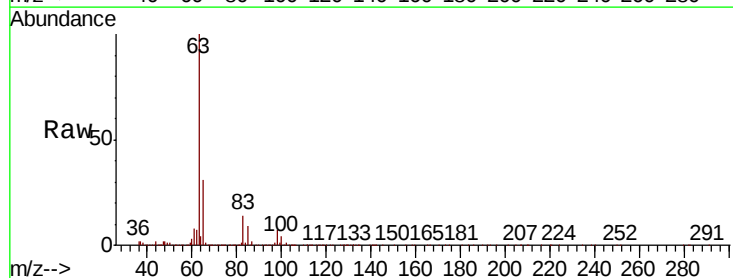
Tgt Ion: 63 Resp: 494772

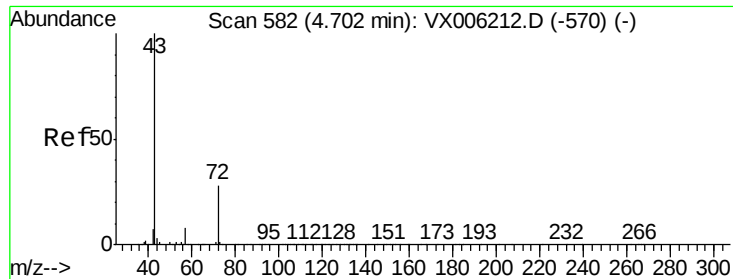
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 267.594 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

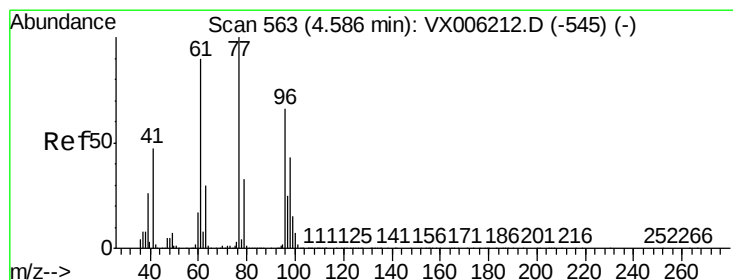
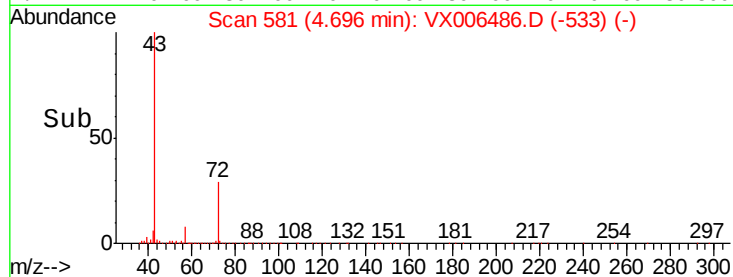
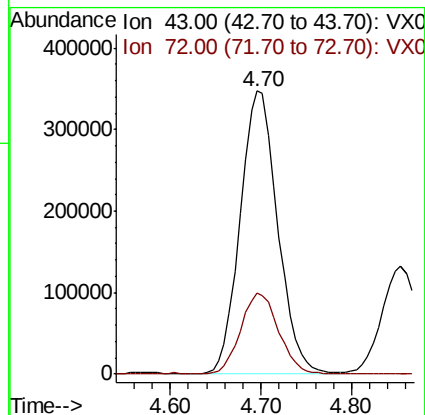
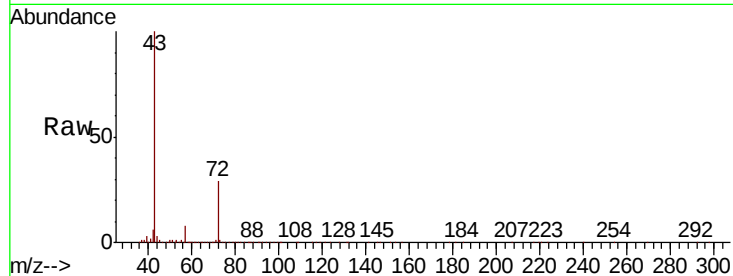
VSTDCCC050

Tot Ion: 43 Resp: 988322

Ion Ratio Lower Upper

43 100

72 28.8 22.6 33.8



#26

2,2-Dichloropropane

Concen: 51.612 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006486.D

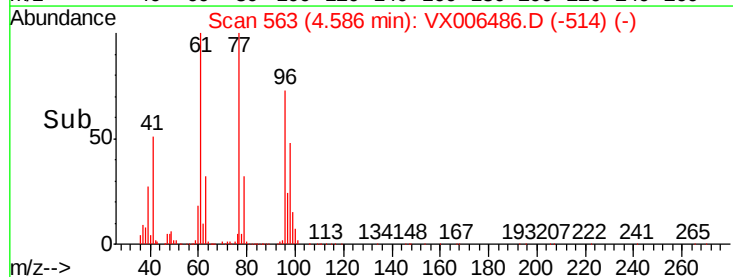
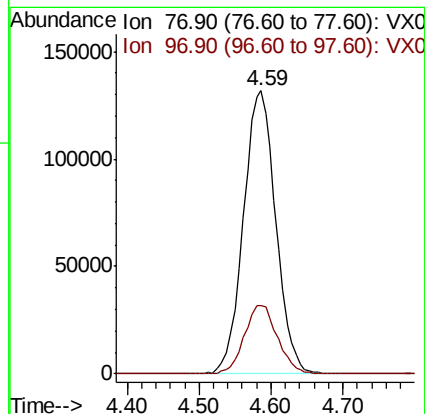
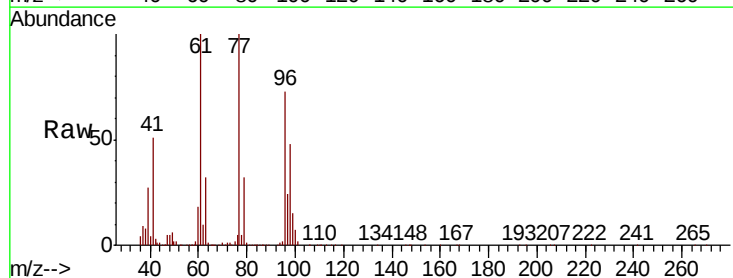
Acq: 13 Dec 2018 10:41

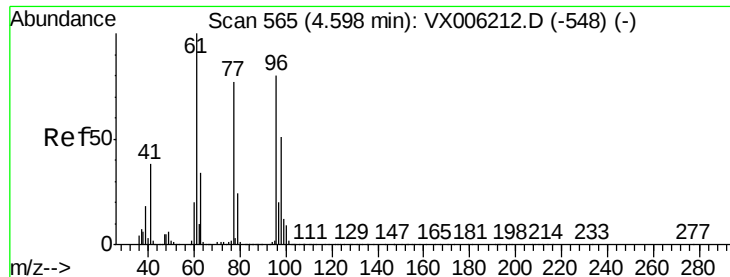
Tgt Ion: 77 Resp: 410693

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8



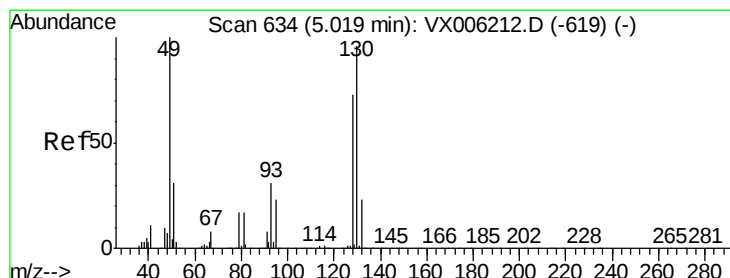
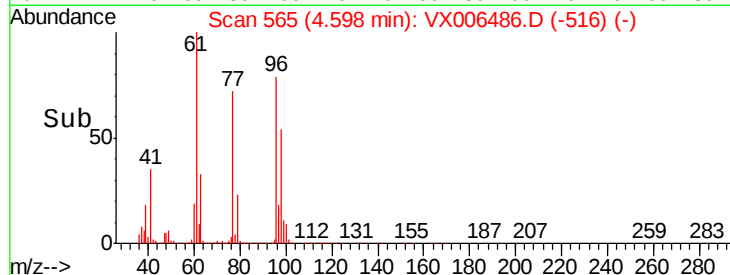
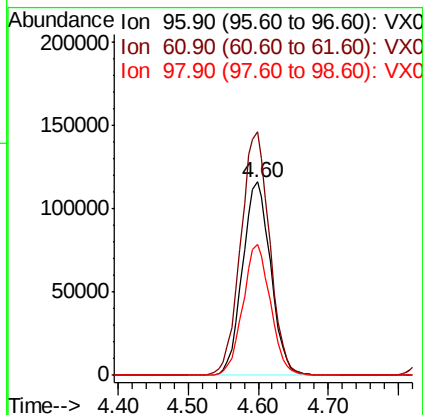
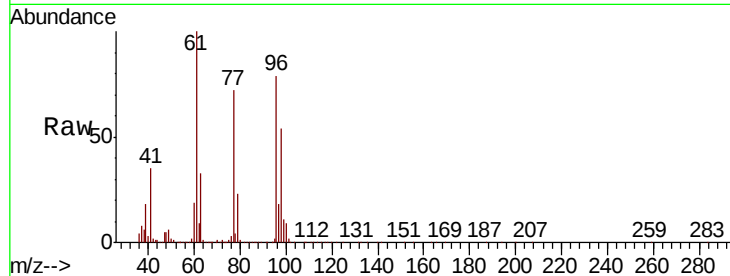


#27

cis-1,2-Dichloroethene
Concen: 55.976 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

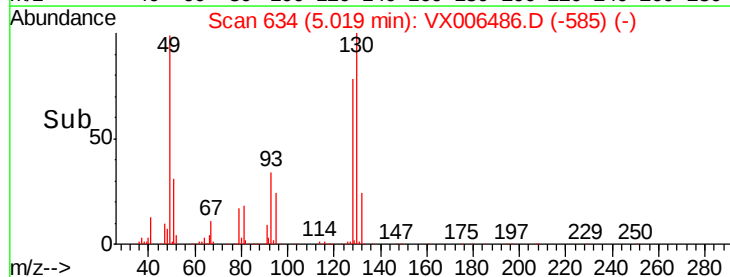
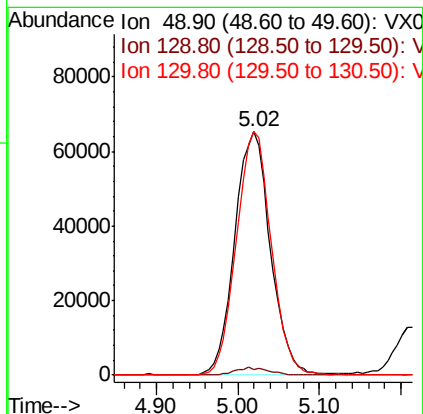
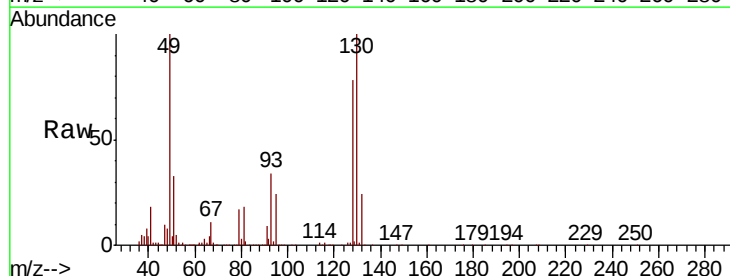
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	265.0
98	66.0	0.0	130.2

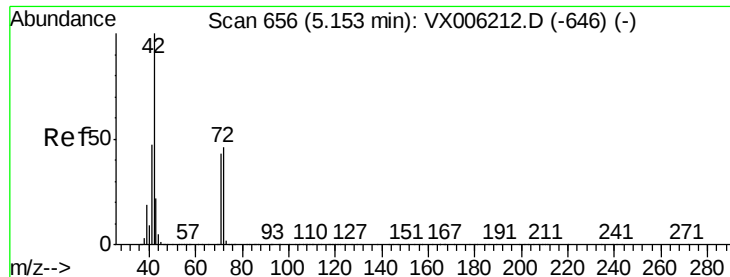


#28

Bromochloromethane
Concen: 52.644 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	97.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 251.395 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

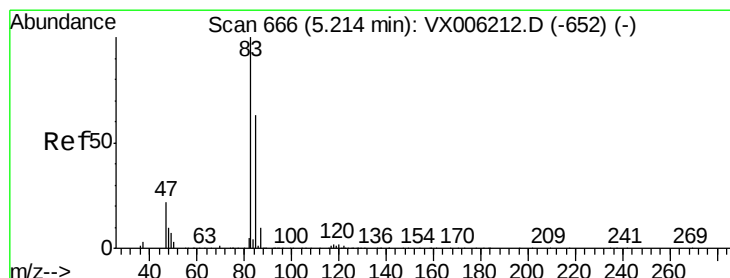
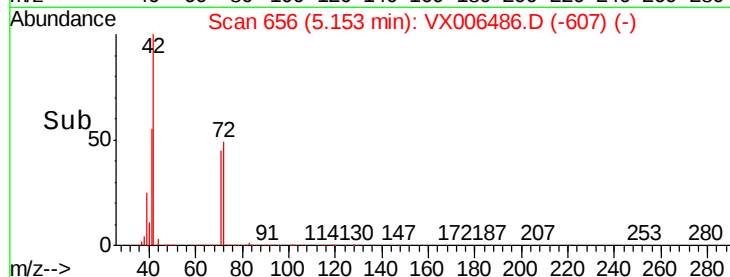
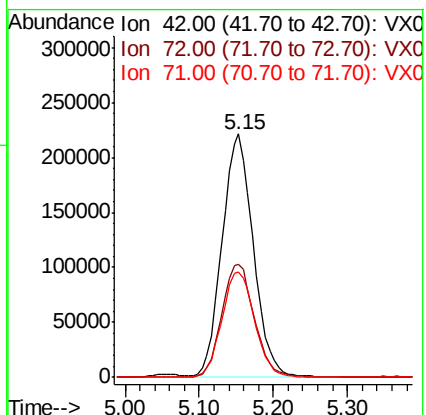
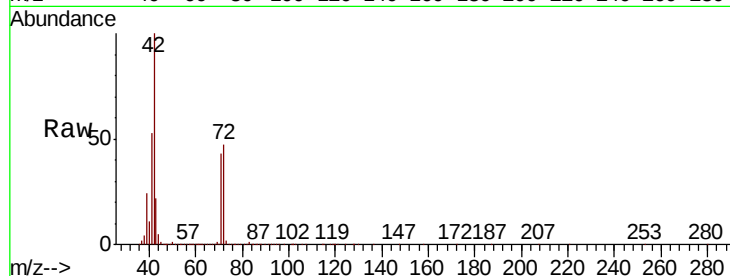
Tot Ion: 42 Resp: 645301

Ion Ratio Lower Upper

42 100

72 48.6 37.8 56.8

71 45.5 35.2 52.8



#30

Chloroform

Concen: 56.179 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006486.D

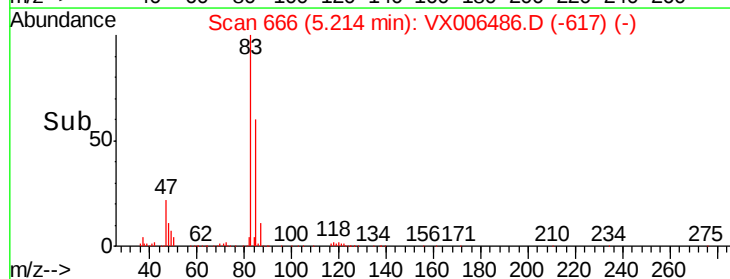
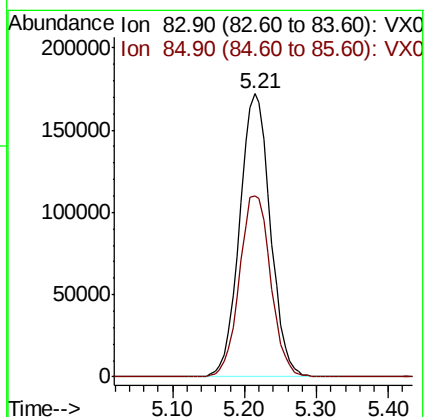
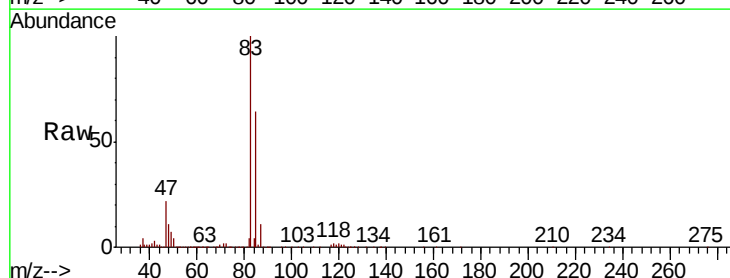
Acq: 13 Dec 2018 10:41

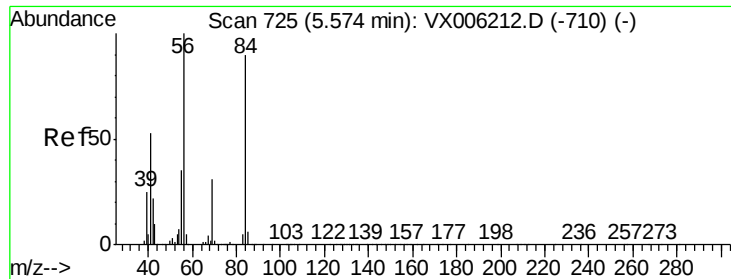
Tgt Ion: 83 Resp: 509027

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

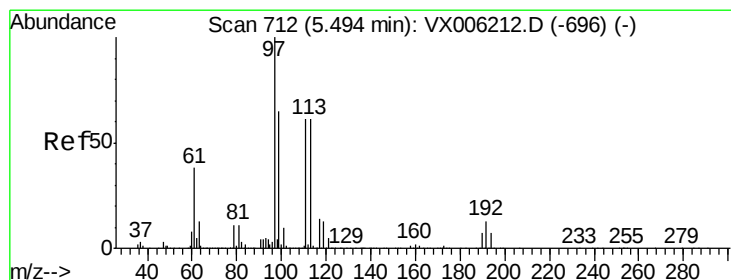
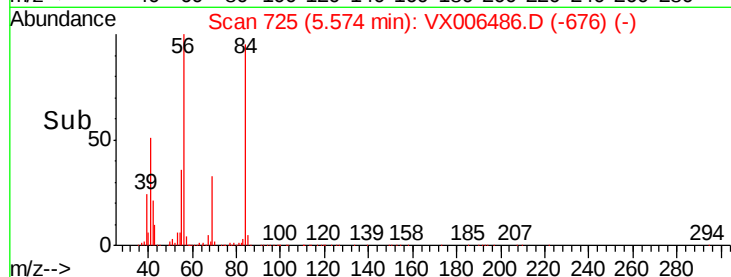
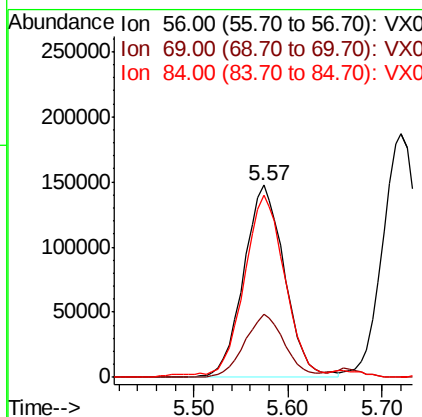
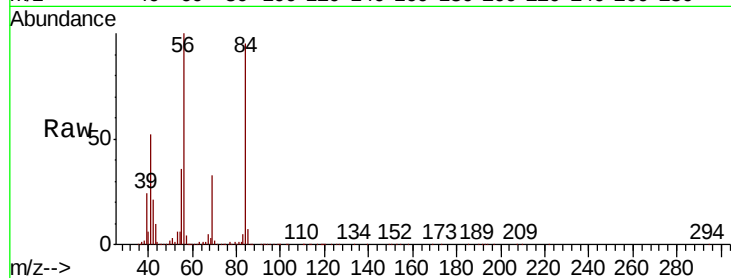




#31
Cyclohexane
Concen: 55.855 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

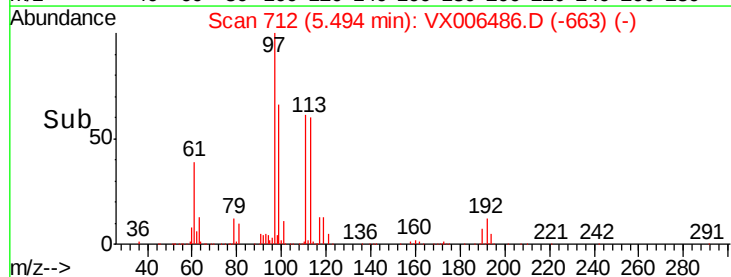
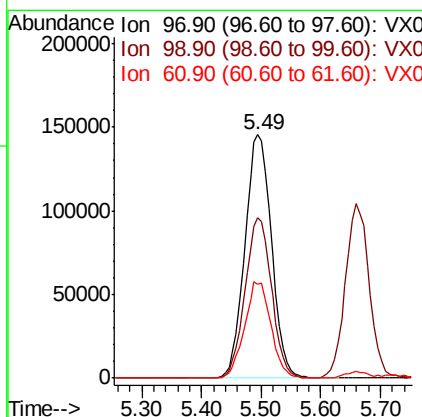
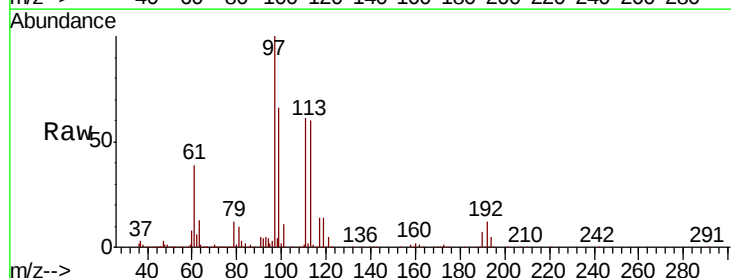
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 445069
Ion Ratio Lower Upper
56 100
69 32.5 24.5 36.7
84 93.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.407 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 97 Resp: 451804
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 38.9 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 52.409 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

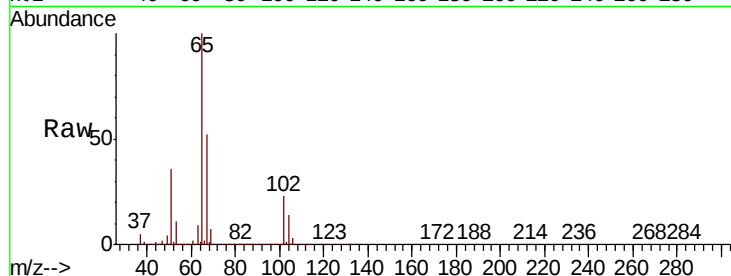
VSTDCCC050

Tot Ion: 65 Resp: 289070

Ion Ratio Lower Upper

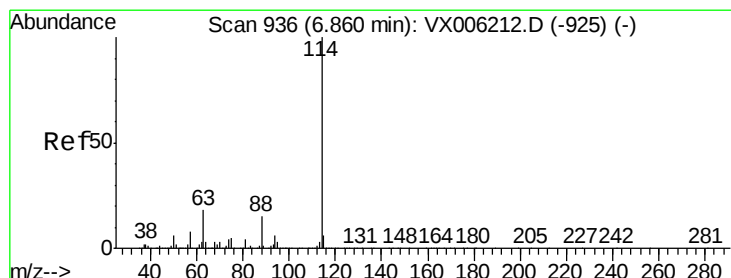
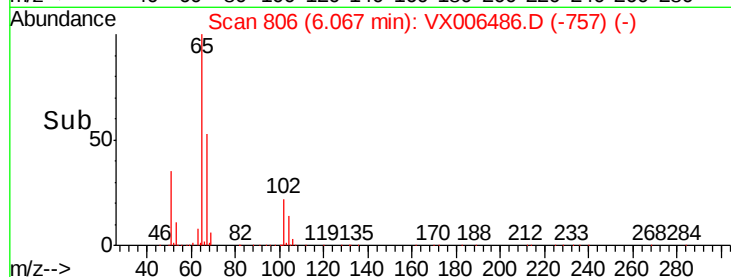
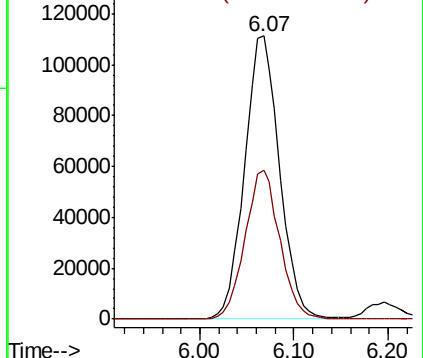
65 100

67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

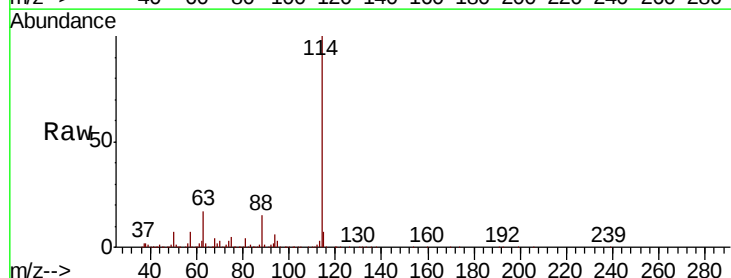
Tgt Ion: 114 Resp: 827704

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

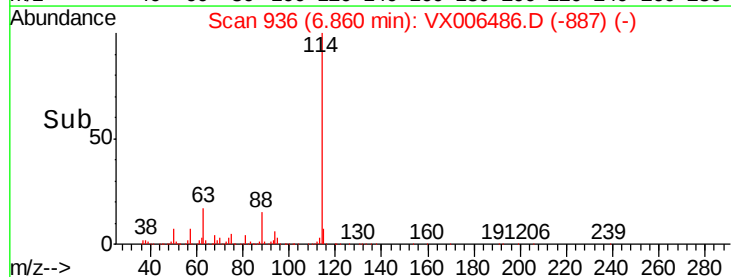
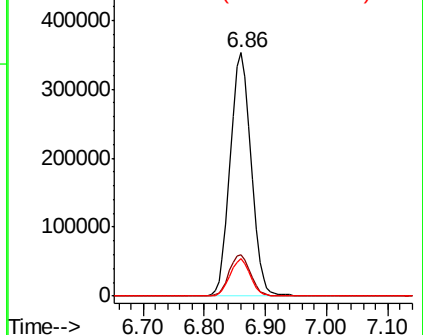
88 15.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.072 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

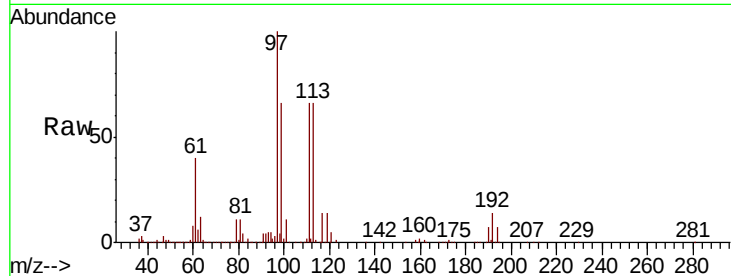
Tot Ion:113 Resp: 268339

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

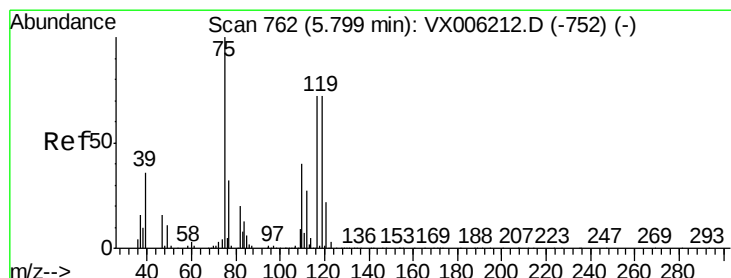
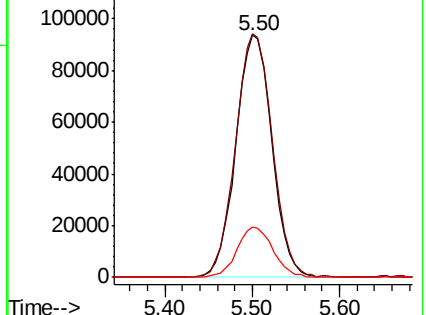
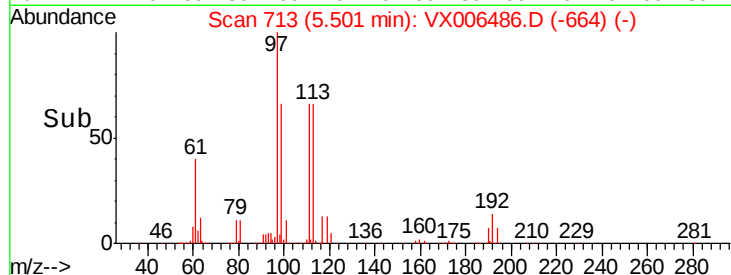
192 20.7 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.413 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

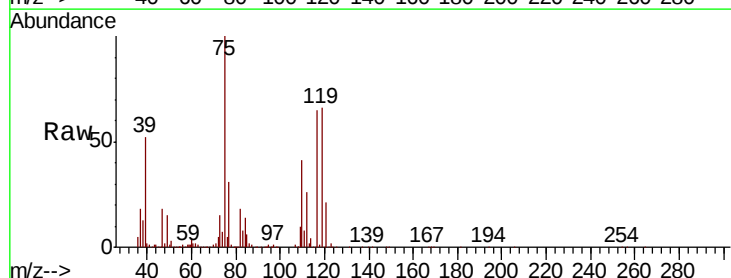
Tgt Ion: 75 Resp: 379267

Ion Ratio Lower Upper

75 100

110 40.9 20.4 61.3

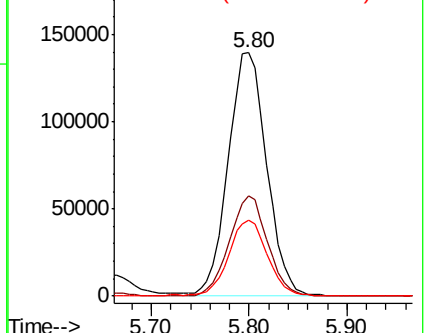
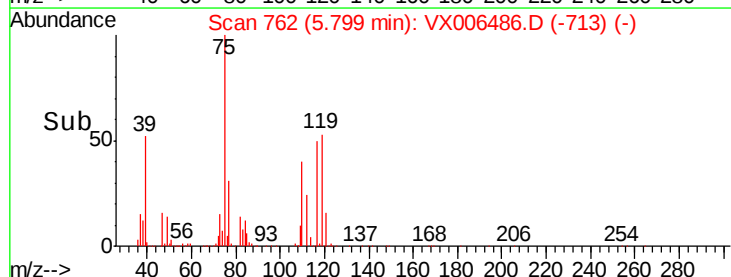
77 31.3 24.9 37.3

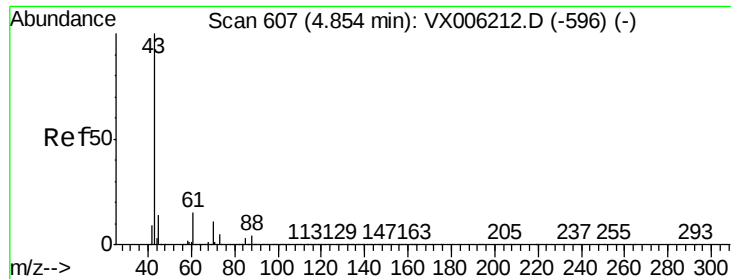


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

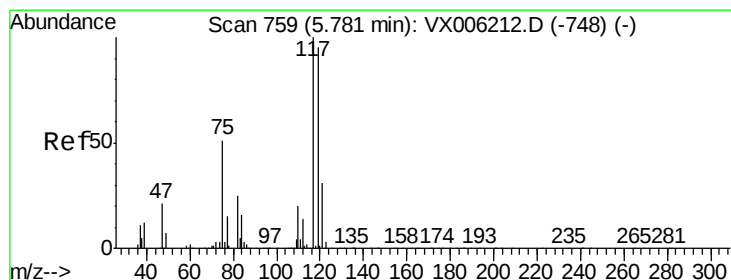
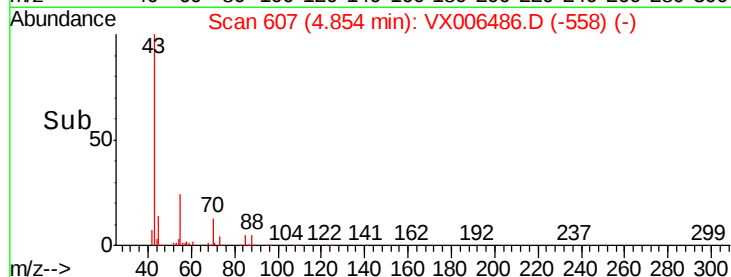
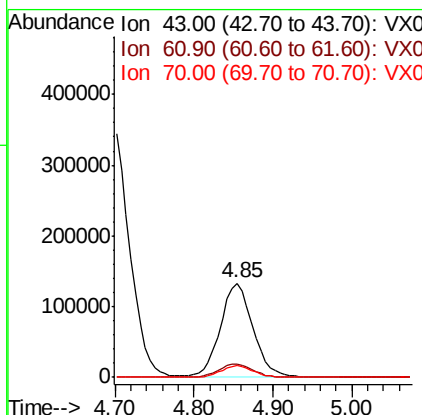
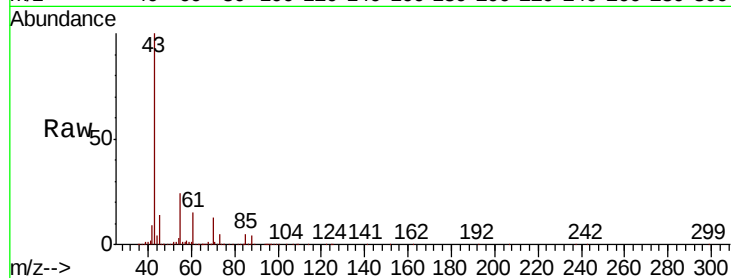




#37
Ethyl Acetate
Concen: 48.723 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

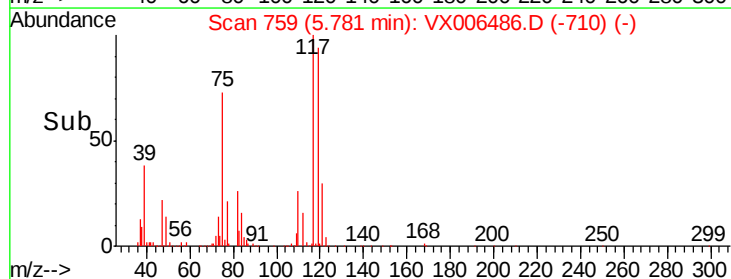
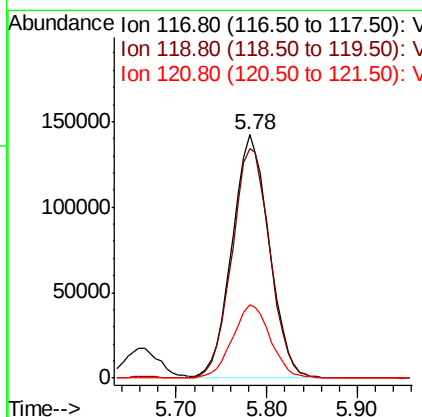
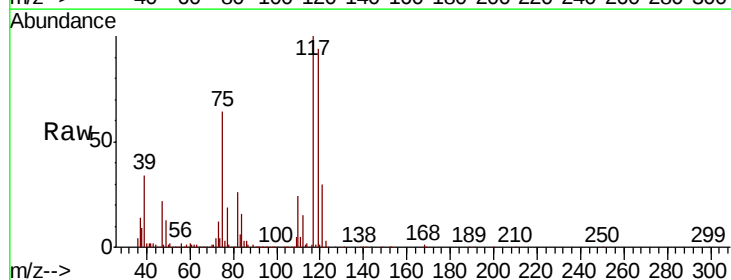
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

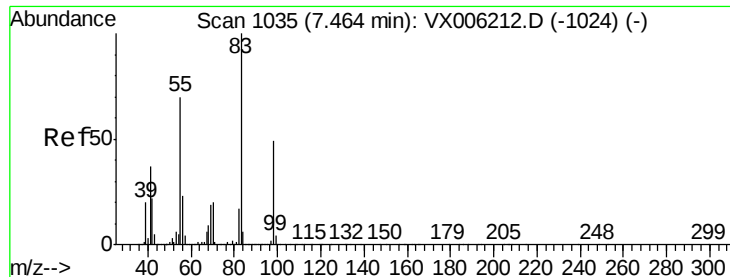
Tot Ion	43	Resp	380313
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.5	17.3
70	12.2	9.0	13.6



#38
Carbon Tetrachloride
Concen: 49.189 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	117	Resp	403337
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.8	113.8
121	30.0	24.6	37.0





#39

Methvlcvclohexane

Concen: 57.763 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

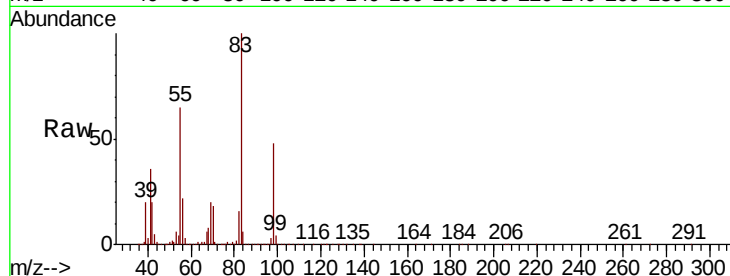
Tot Ion: 83 Resp: 522606

Ion Ratio Lower Upper

83 100

55 65.0 56.4 84.6

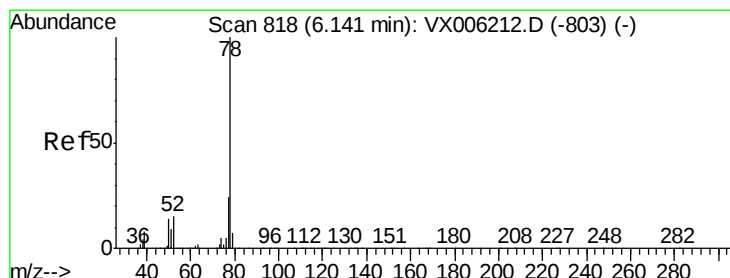
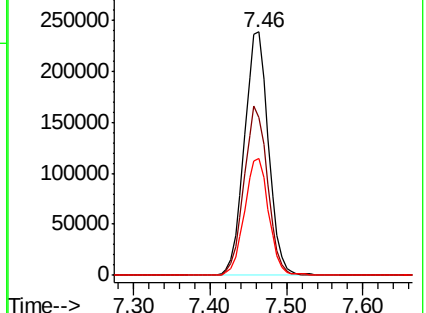
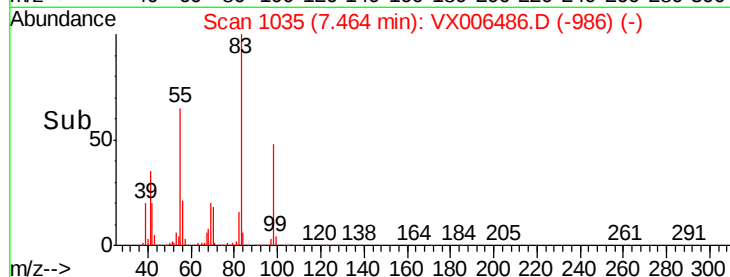
98 48.1 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 54.926 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006486.D

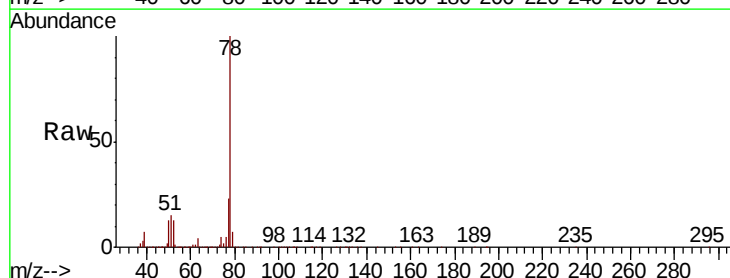
Acq: 13 Dec 2018 10:41

Tgt Ion: 78 Resp: 1146643

Ion Ratio Lower Upper

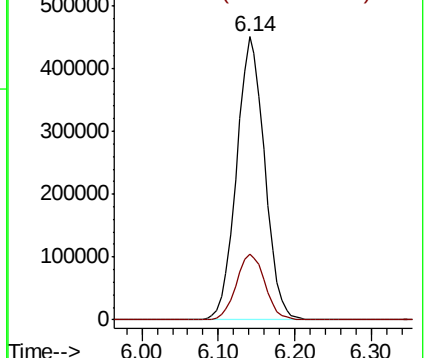
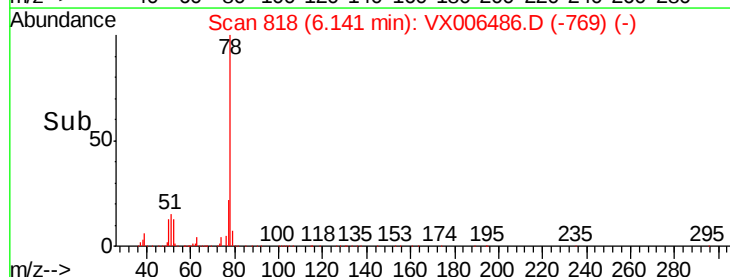
78 100

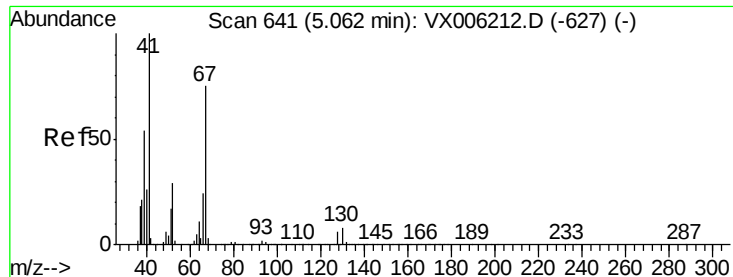
77 23.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.637 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 208901

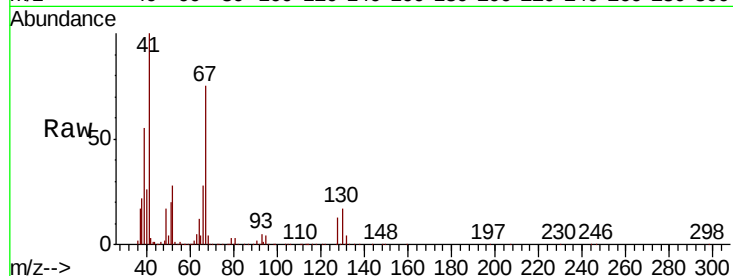
Ion Ratio Lower Upper

41 100

39 54.1 44.0 66.0

67 79.4 61.4 92.0

52 29.6 23.5 35.3

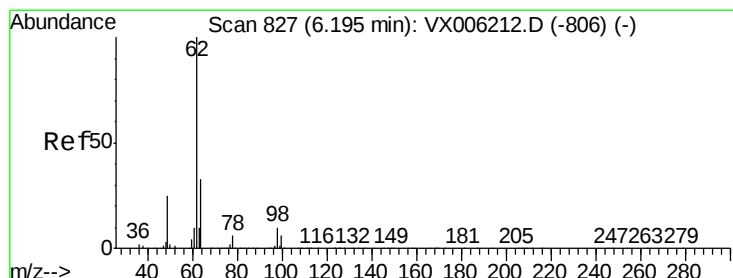
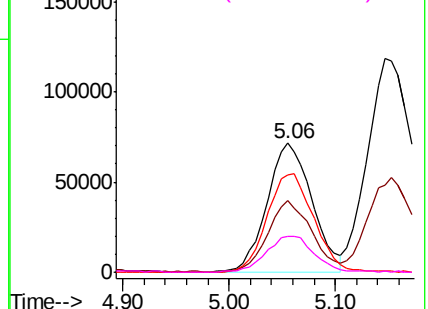
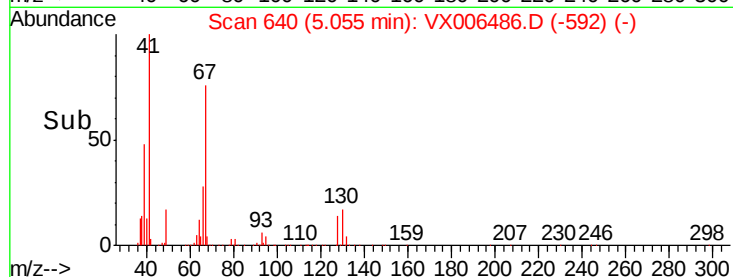


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.305 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006486.D

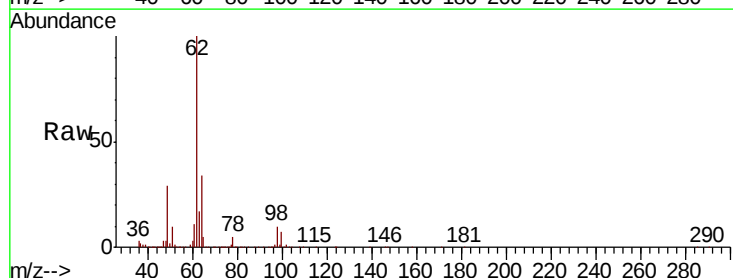
Acq: 13 Dec 2018 10:41

Tgt Ion: 62 Resp: 377863

Ion Ratio Lower Upper

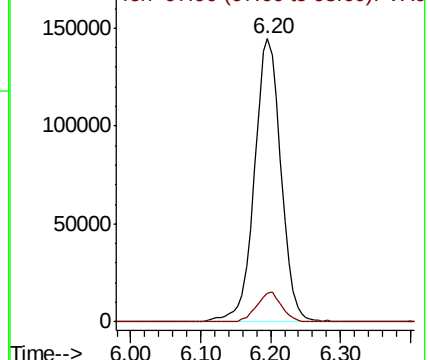
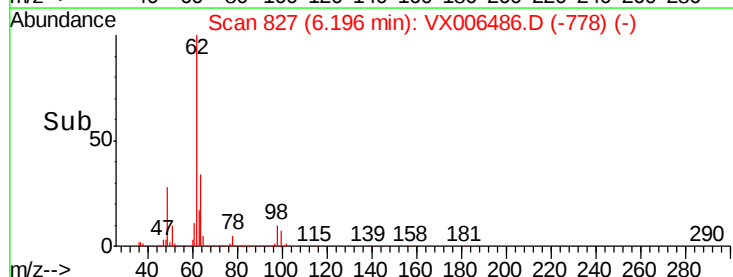
62 100

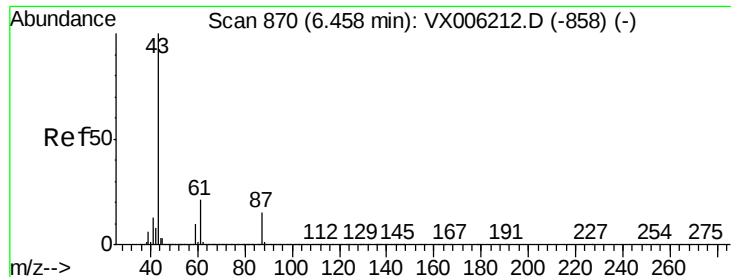
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



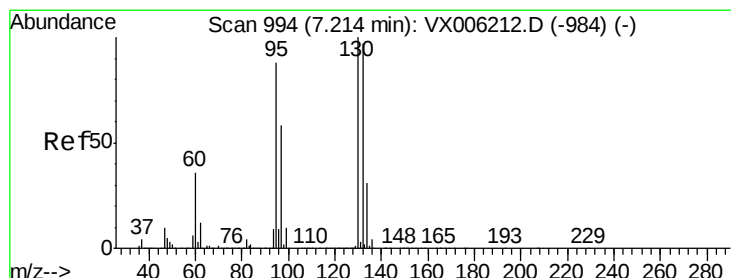
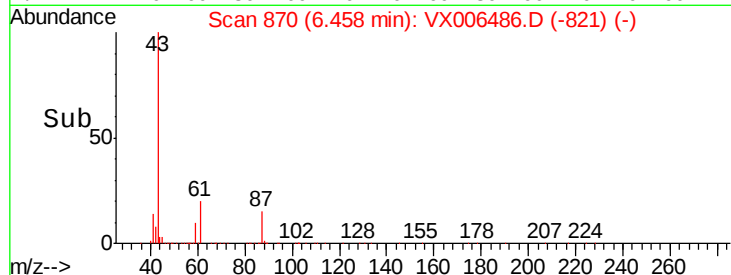
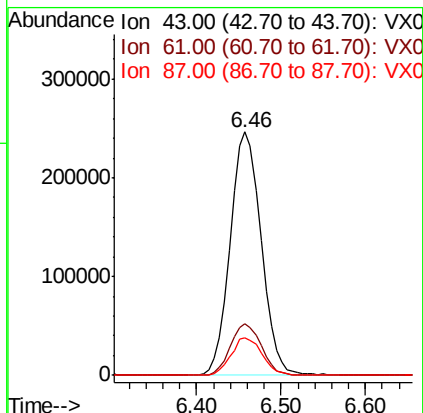
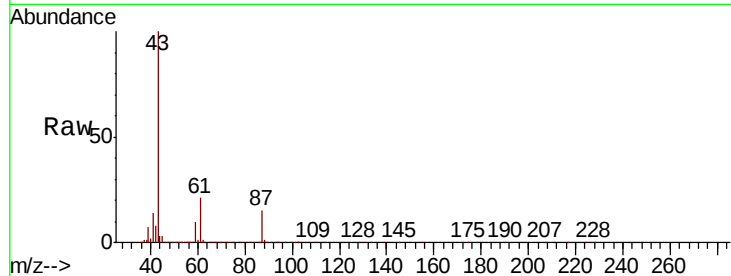


#43

Isopropyl Acetate
 Concen: 47.118 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

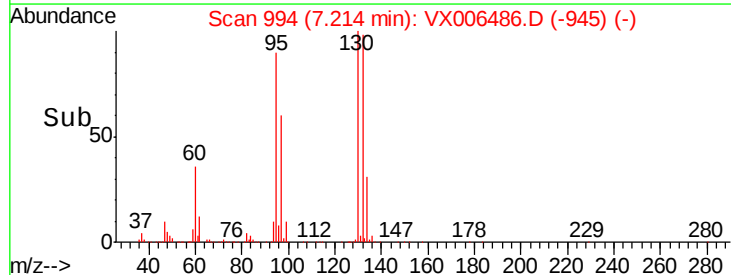
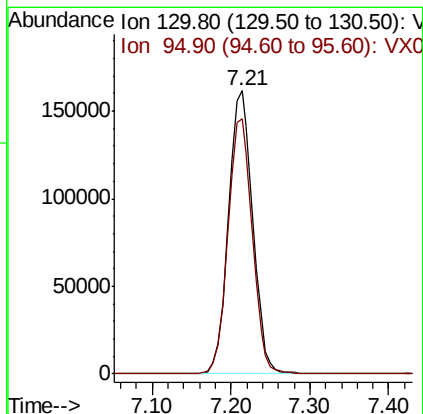
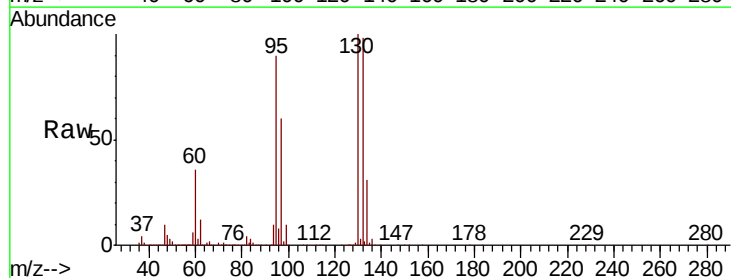
Tot Ion: 43 Resp: 613204
 Ion Ratio Lower Upper
 43 100
 61 21.4 16.8 25.2
 87 15.6 11.9 17.9



#44

Trichloroethene
 Concen: 54.659 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 130 Resp: 345681
 Ion Ratio Lower Upper
 130 100
 95 90.1 0.0 175.8

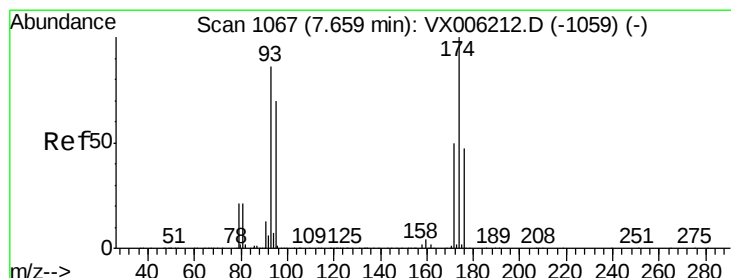
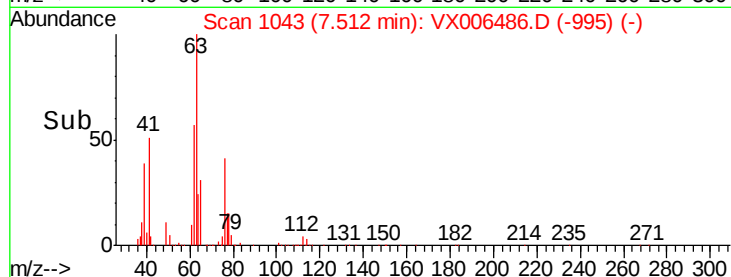
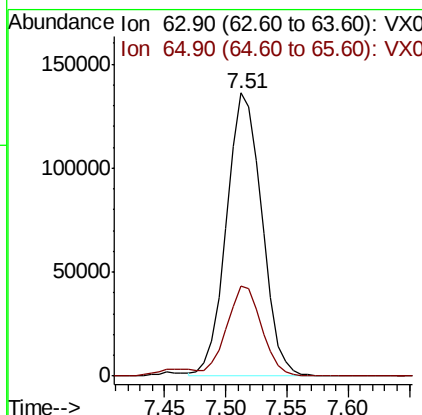
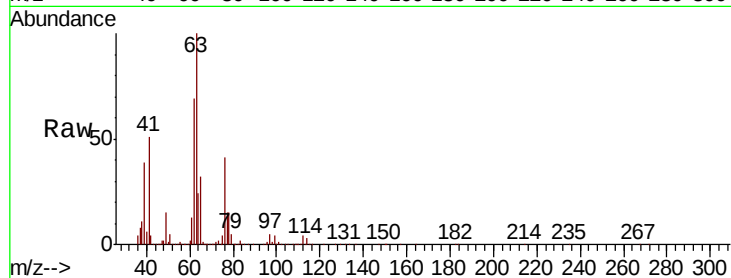




#45
 1,2-Dichloropropane
 Concen: 51.155 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

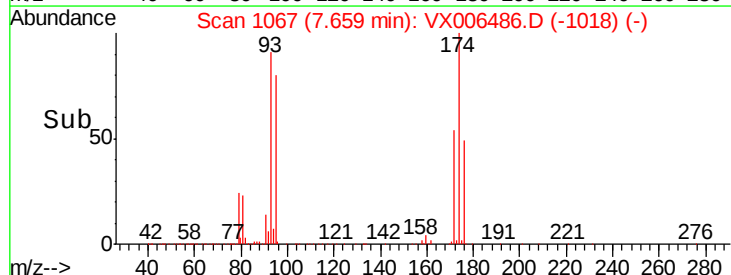
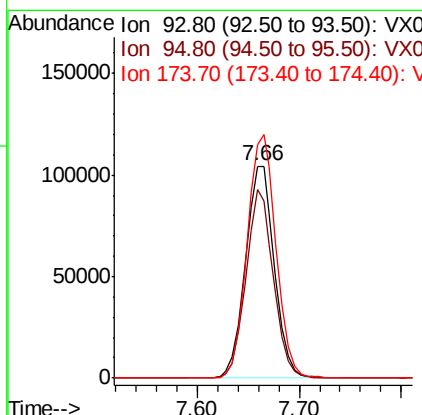
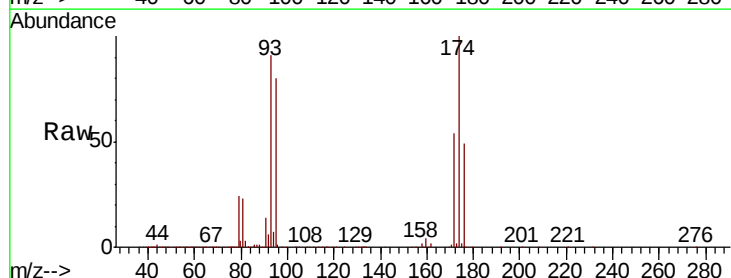
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

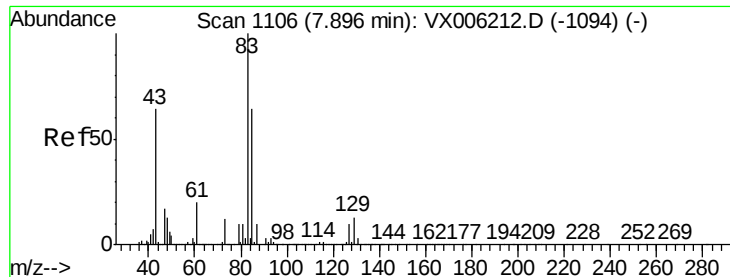
Tot Ion: 63 Resp: 271412
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5



#46
 Dibromomethane
 Concen: 53.645 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 93 Resp: 205562
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.2 99.4
 174 114.9 97.2 145.8

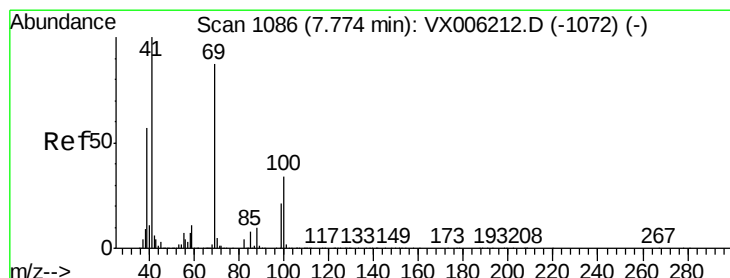
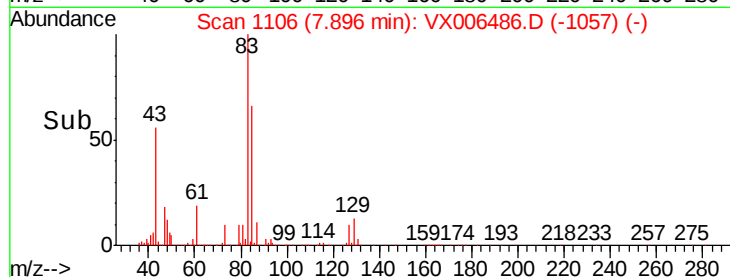
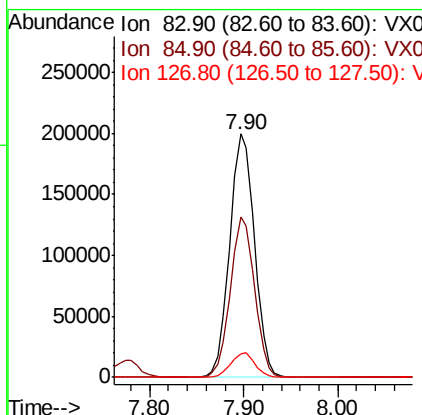
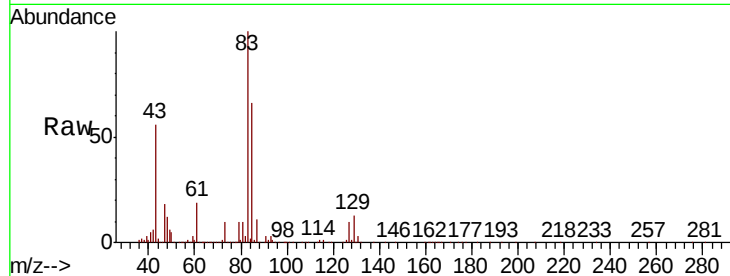




#47
Bromodichloromethane
Concen: 49.174 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

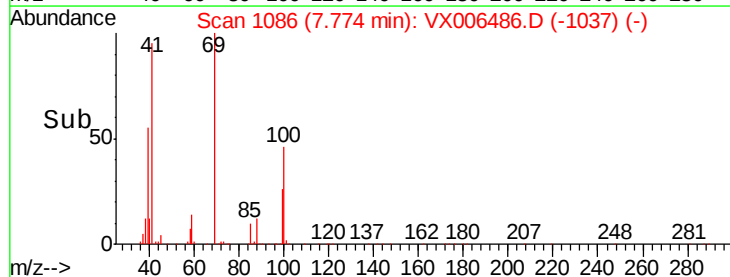
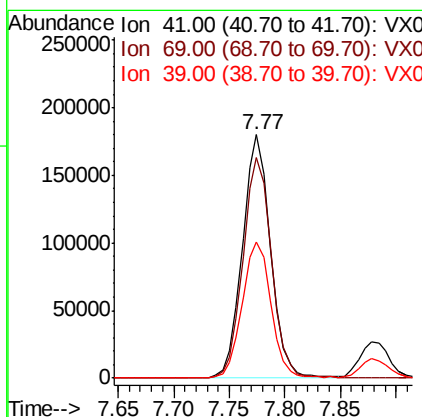
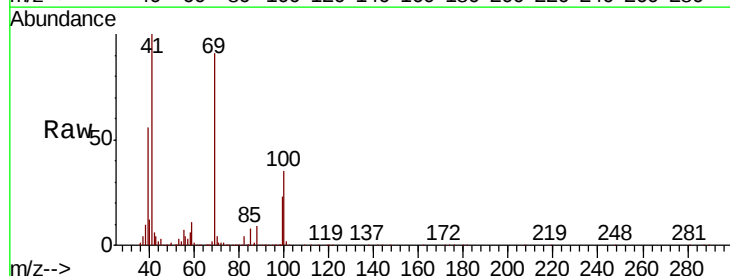
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

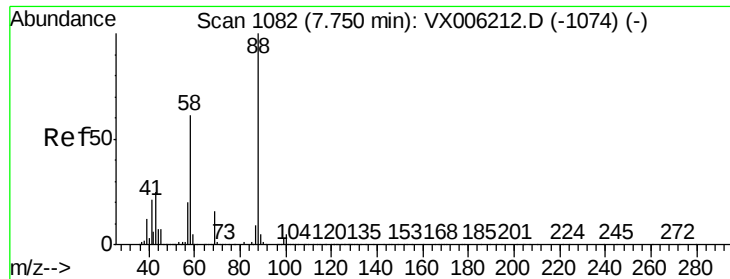
Tot Ion	83	Resp	364897
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.4	77.0
127	9.7	7.9	11.9



#48
Methyl methacrylate
Concen: 49.704 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	41	Resp	314691
Ion Ratio	Lower	Upper	
41	100		
69	92.4	70.3	105.5
39	57.5	45.3	67.9

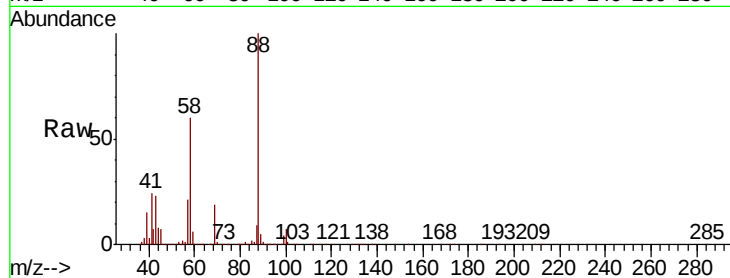




#49
 1,4-Dioxane
 Concen: 1020.479 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	23.2	34.8
58	62.4	51.4	77.0

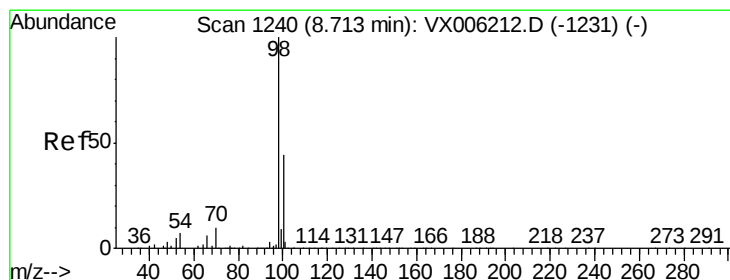
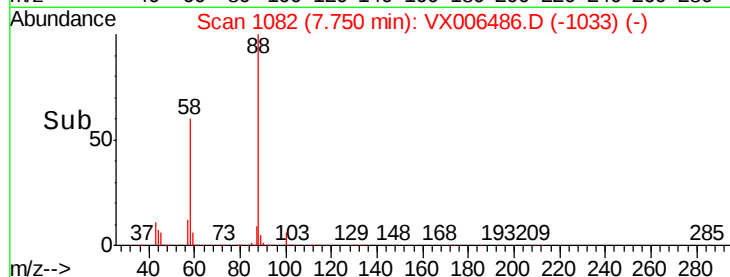
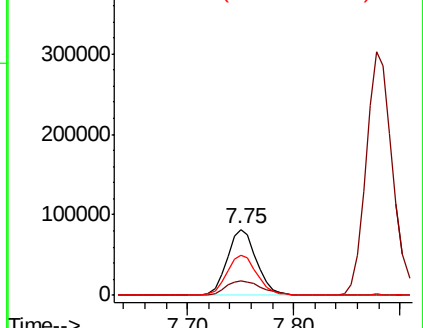


Abundance

Ion 88.00 (87.70 to 88.70): VX0

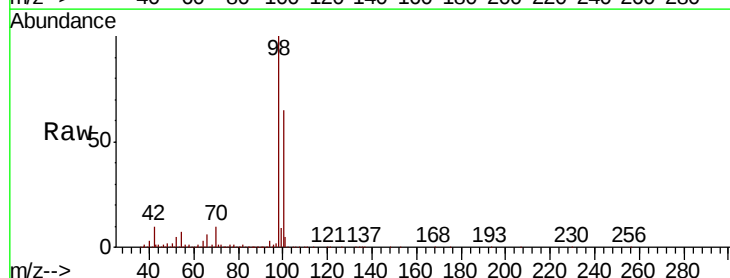
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 50.594 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

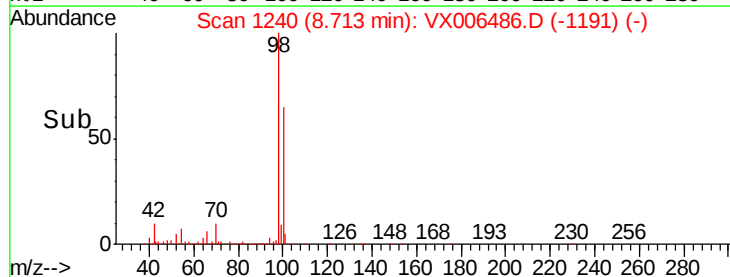
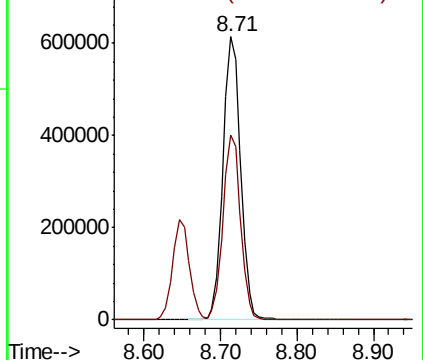
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

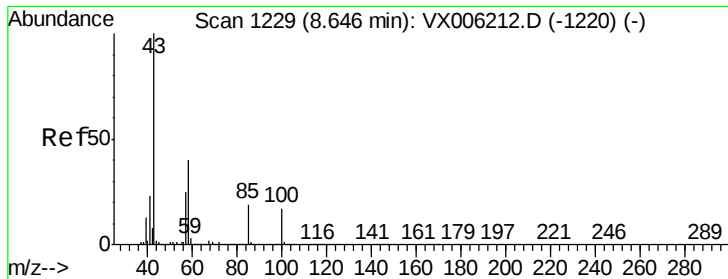


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 253.773 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

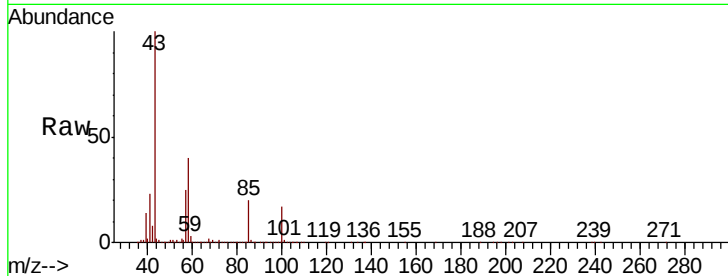
VSTDCCC050

Tot Ion: 43 Resp: 1922623

Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

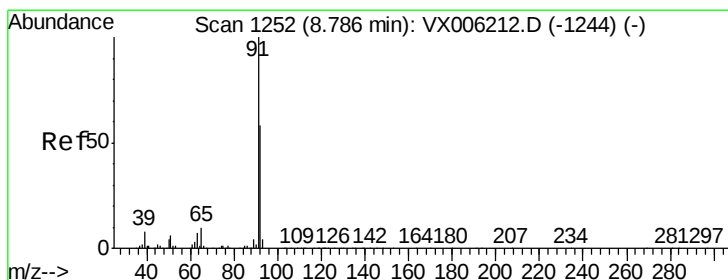
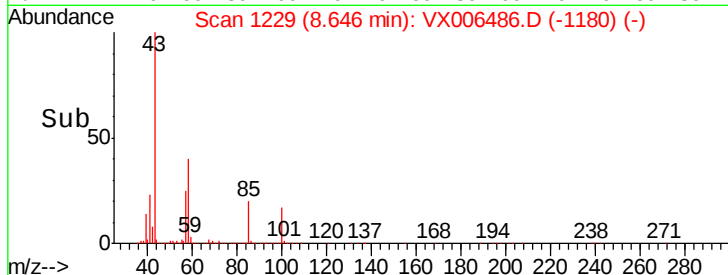
1000000

500000

0

8.50 8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 55.771 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006486.D

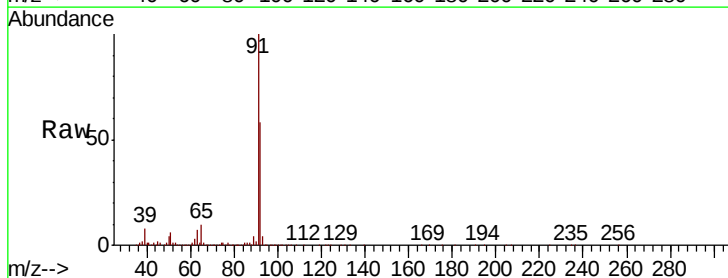
Acq: 13 Dec 2018 10:41

Tgt Ion: 92 Resp: 765973

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

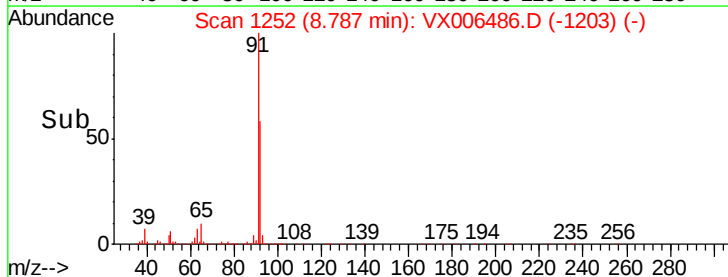
400000

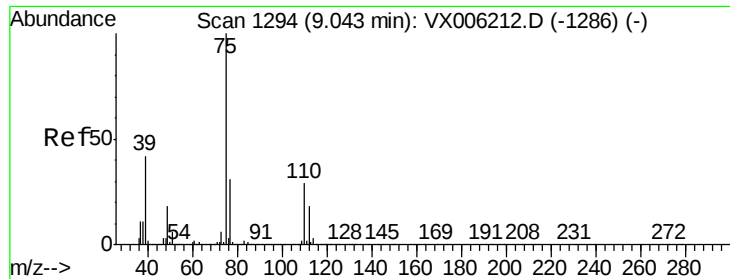
200000

0

8.70 8.80 8.90

Time-->

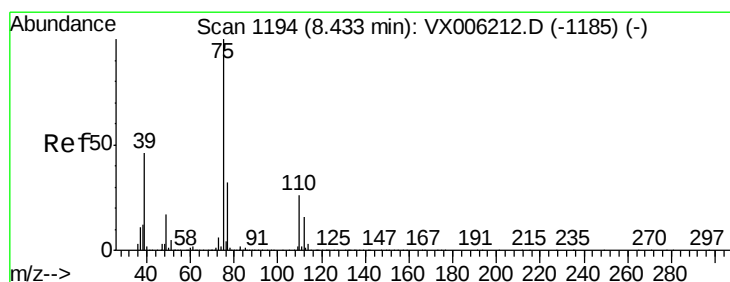
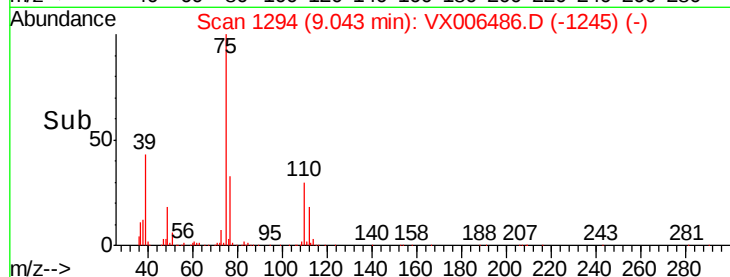
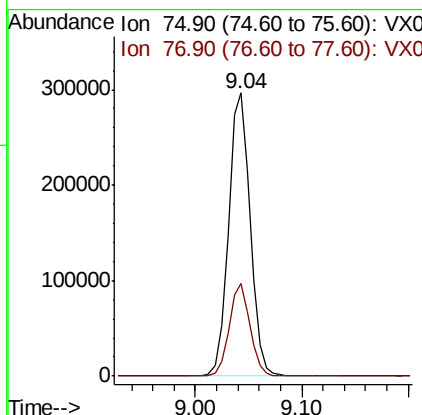
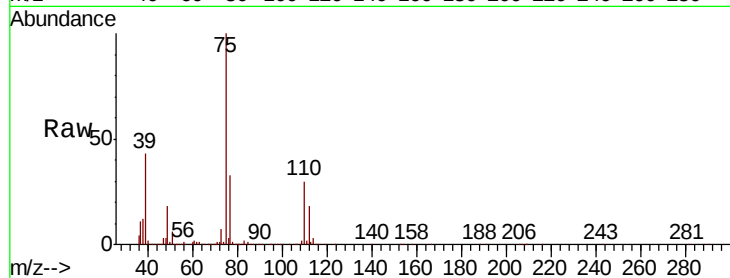




#53
 t-1,3-Dichloropropene
 Concen: 48.428 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

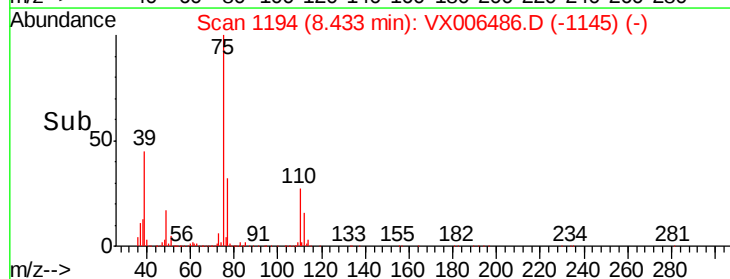
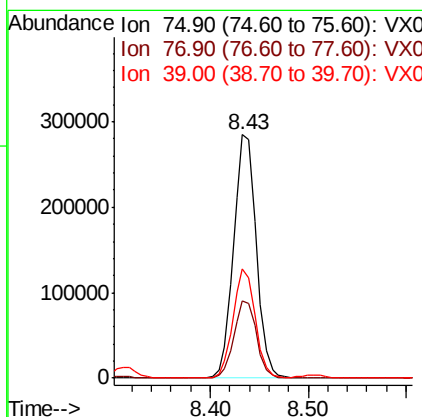
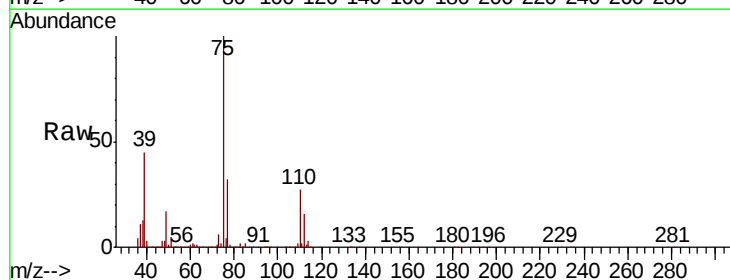
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

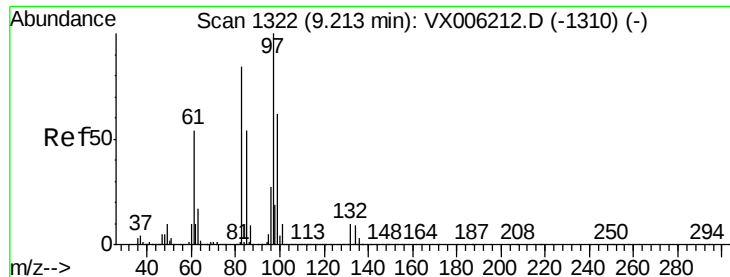
Tot Ion: 75 Resp: 420278
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.928 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion: 75 Resp: 458939
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 44.8 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 55.303 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 308570

Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.1	100.7
85	56.9	43.2	64.8
99	63.0	49.8	74.6

97 100

83 85.1 67.1 100.7

85 56.9 43.2 64.8

99 63.0 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

300000

250000

200000

150000

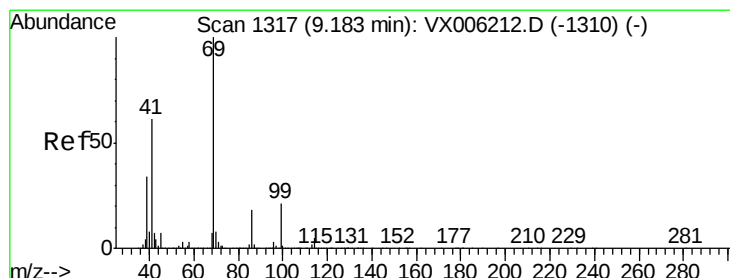
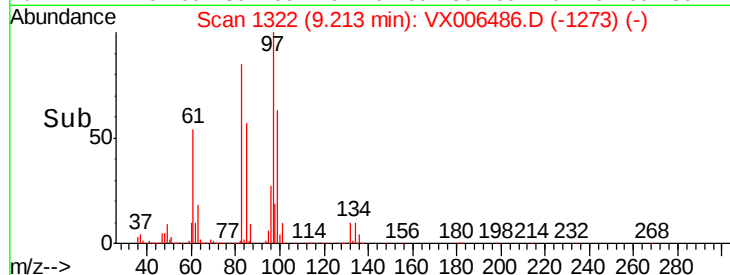
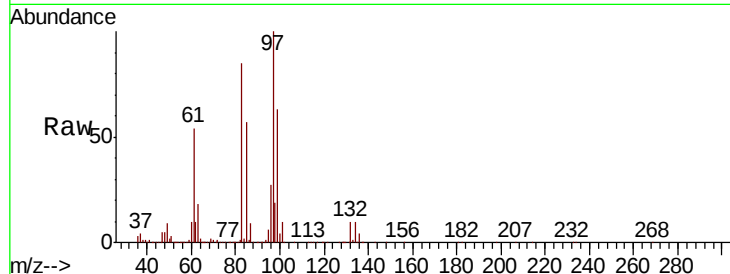
100000

50000

0

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 53.654 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion: 69 Resp: 468014

Ion	Ratio	Lower	Upper
69	100		
41	59.8	50.6	76.0
39	32.8	27.6	41.4

69 100

41 59.8 50.6 76.0

39 32.8 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

400000

300000

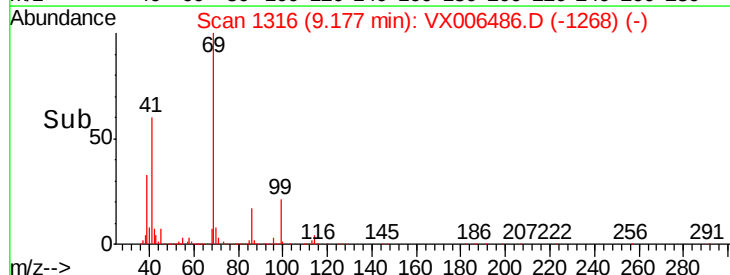
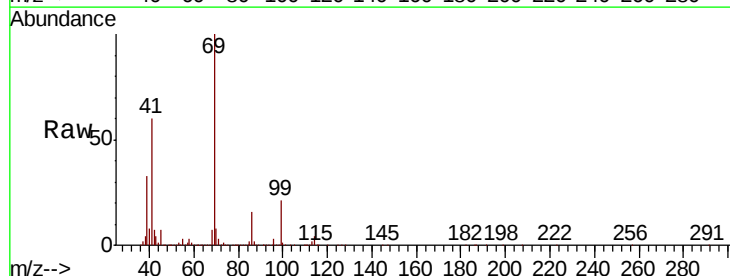
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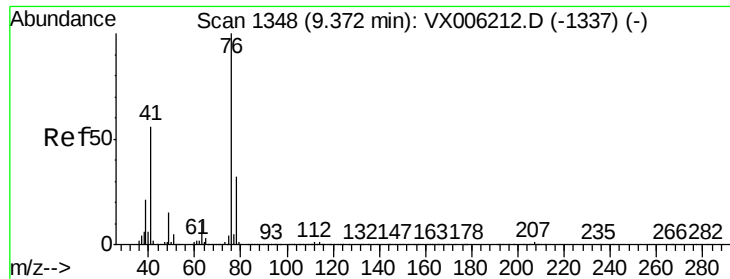
100000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 55.676 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

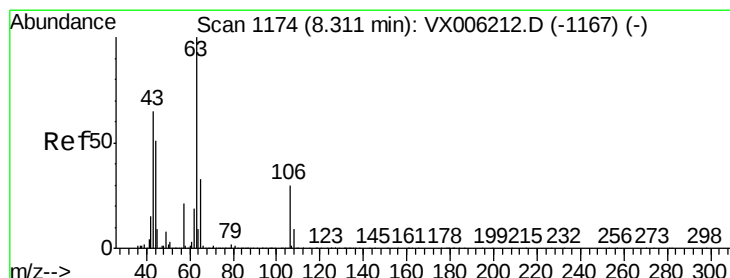
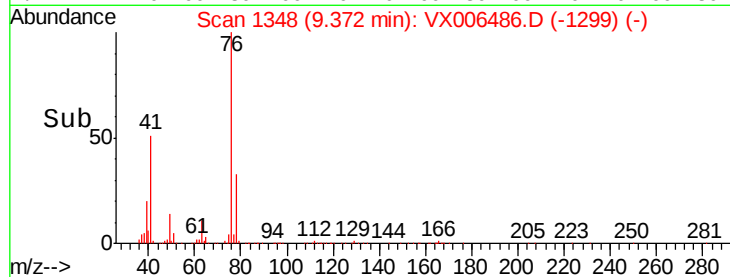
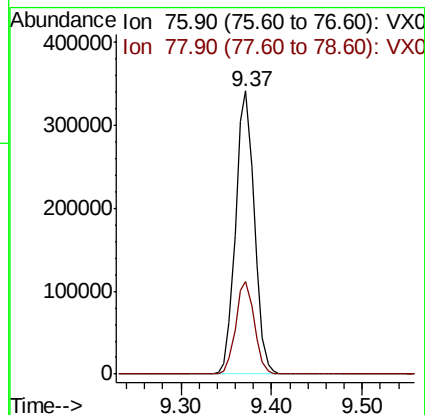
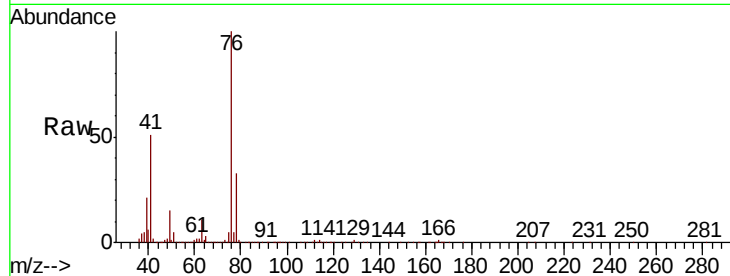
VSTDCCC050

Tot Ion: 76 Resp: 491234

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 241.467 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006486.D

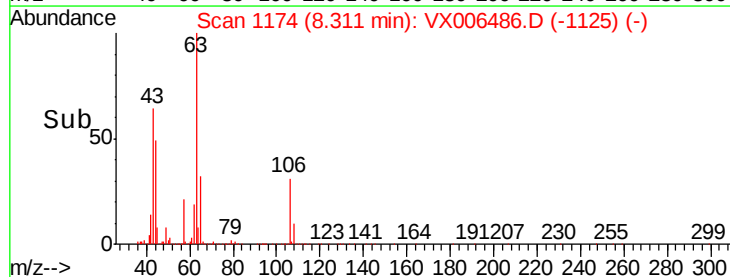
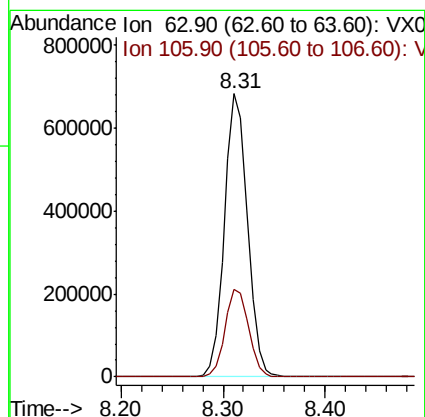
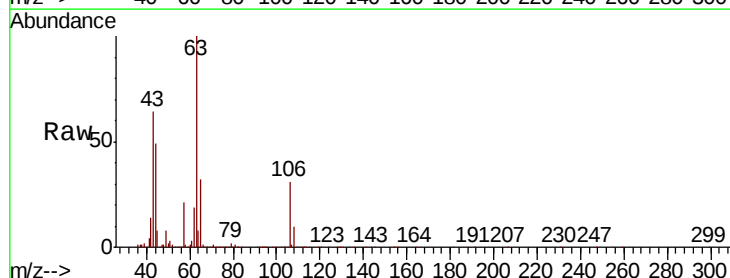
Acq: 13 Dec 2018 10:41

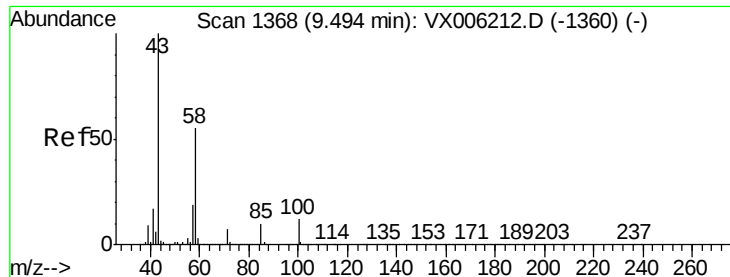
Tgt Ion: 63 Resp: 1068826

Ion Ratio Lower Upper

63 100

106 31.8 24.9 37.3

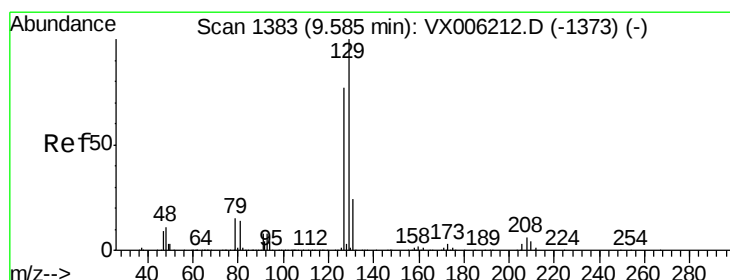
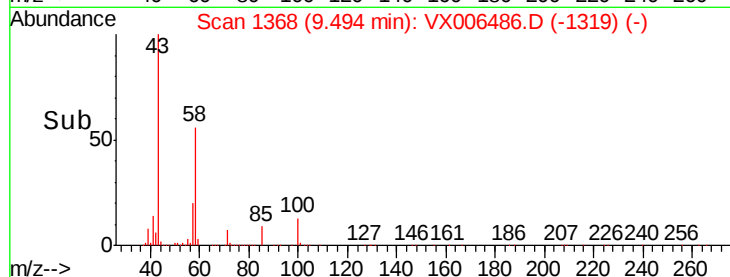
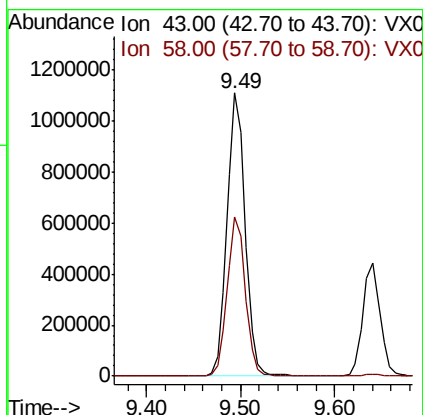
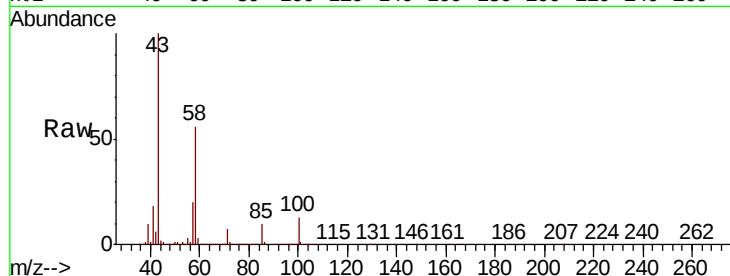




#59
2-Hexanone
Concen: 256.073 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

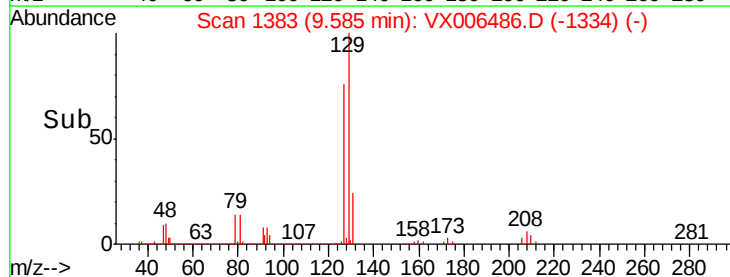
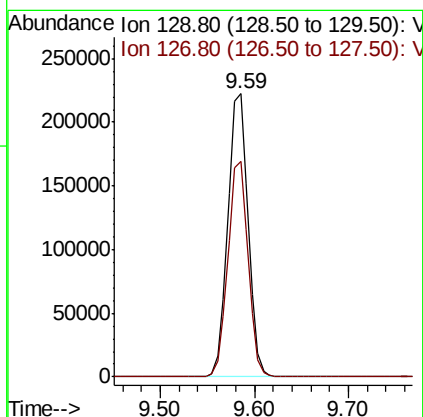
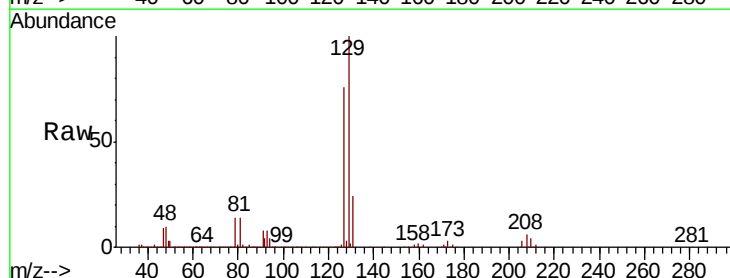
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

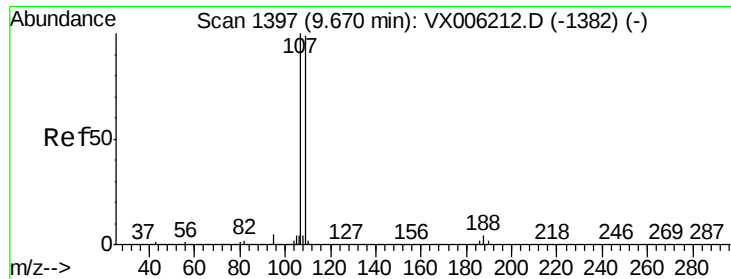
Tot Ion: 43 Resp: 1482201
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1



#60
Dibromochloromethane
Concen: 48.260 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 129 Resp: 332039
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.094 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

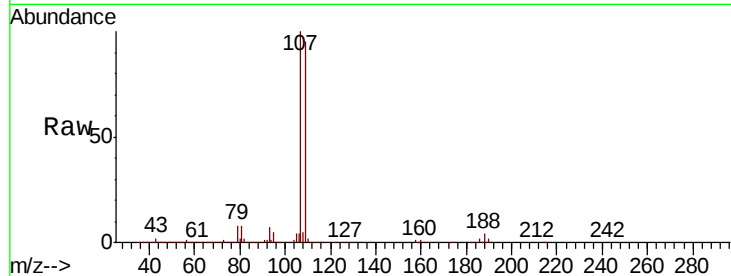
VSTDCCC050

Tot Ion:107 Resp: 337489

Ion Ratio Lower Upper

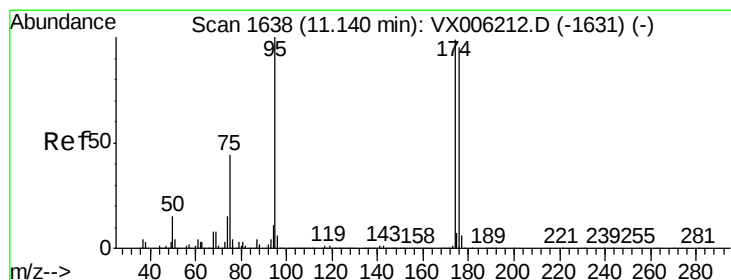
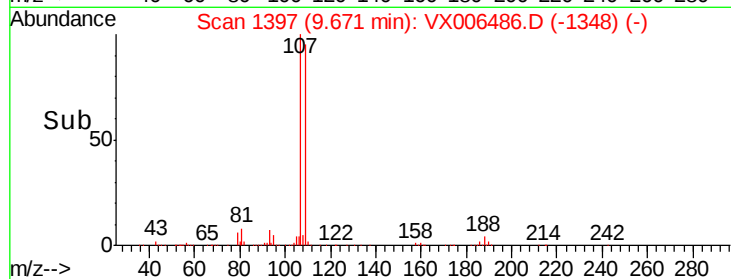
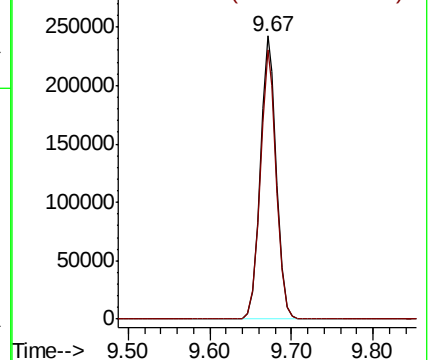
107 100

109 94.9 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: 52.807 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

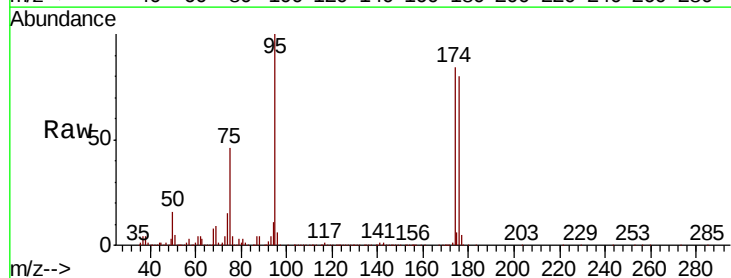
Tgt Ion: 95 Resp: 387899

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.0

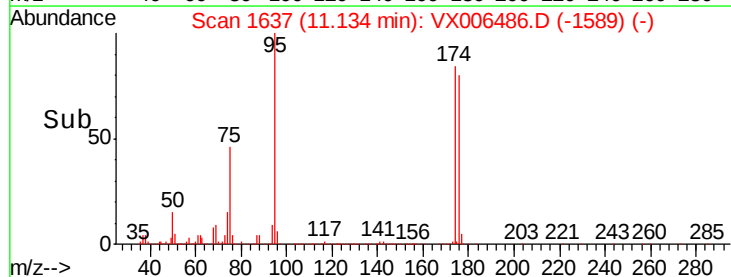
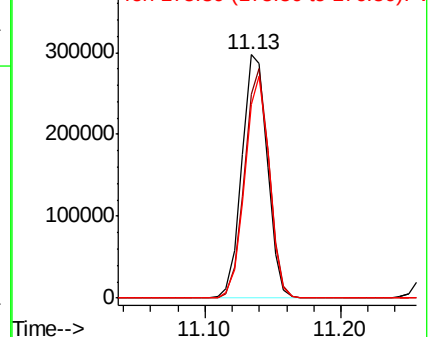
176 87.8 0.0 181.8

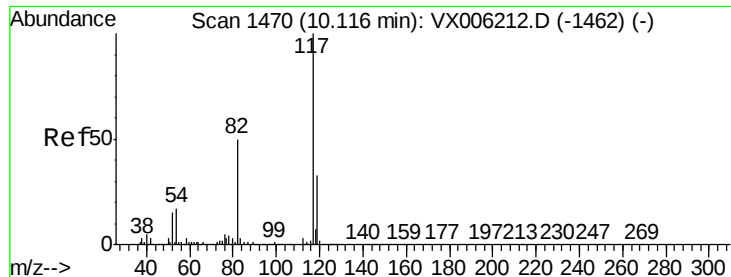


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

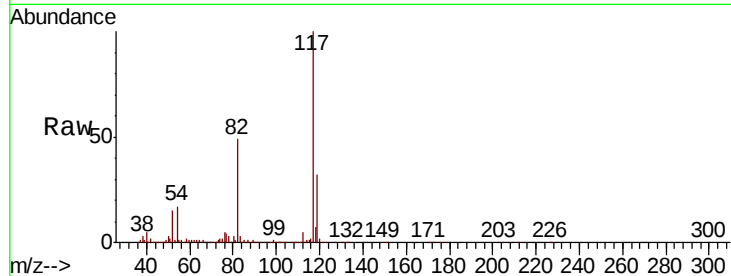




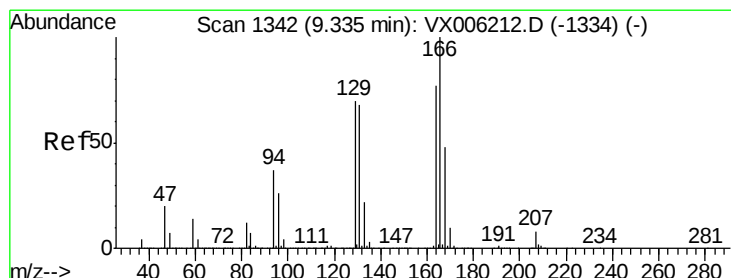
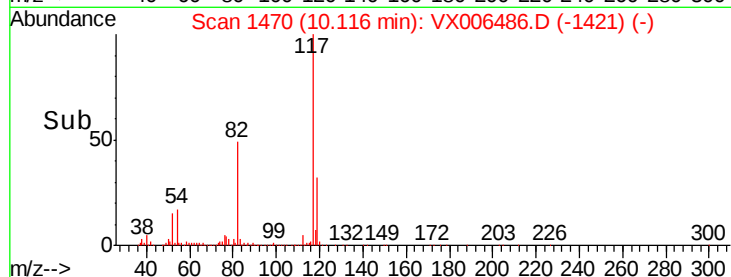
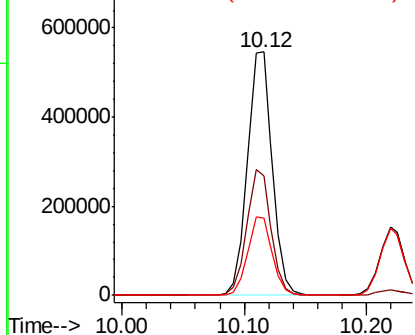
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.6	59.4
119	31.8	26.3	39.5



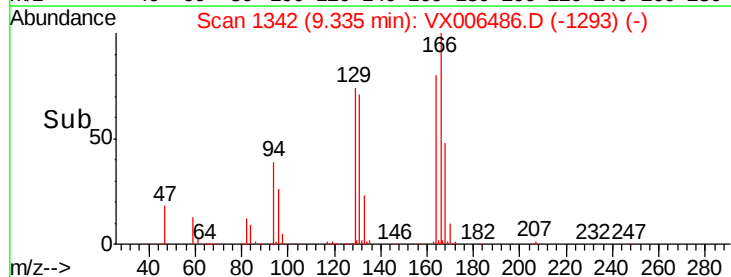
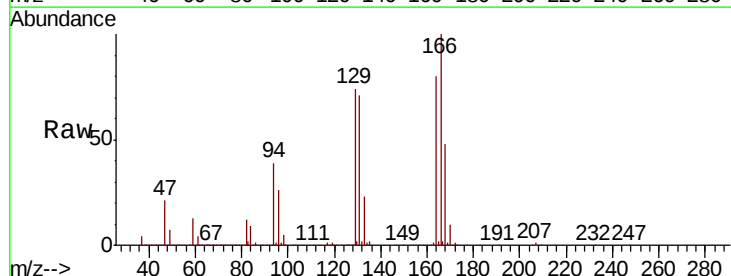
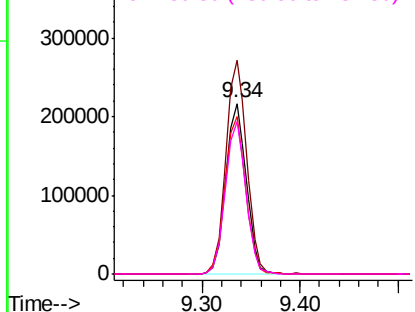
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

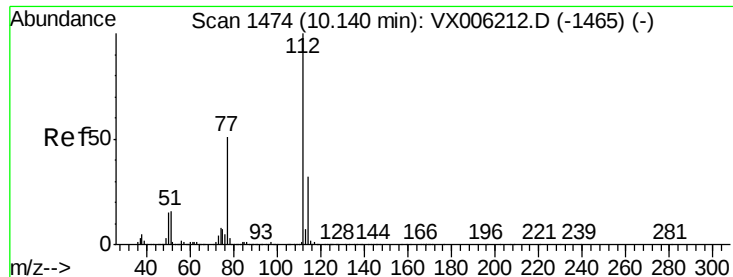


#64
Tetrachloroethene
Concen: 54.263 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	104.2	156.2
129	92.2	72.6	108.8
131	89.1	70.3	105.5

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

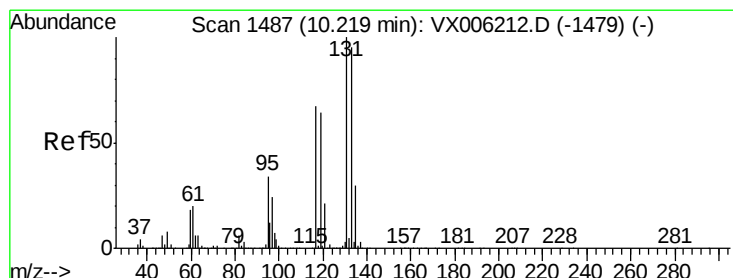
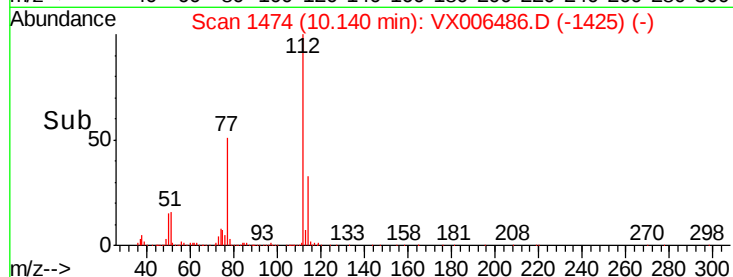
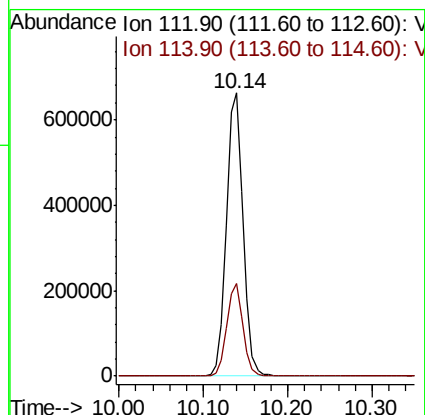
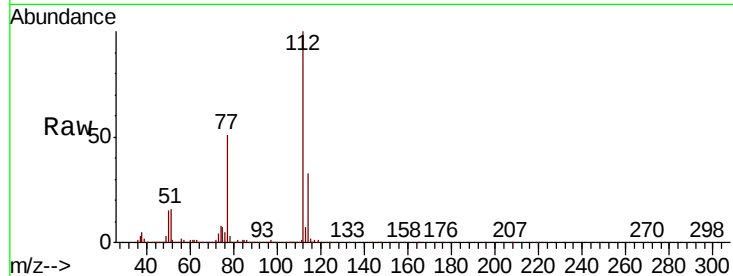




#65
Chlorobenzene
Concen: 55.197 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

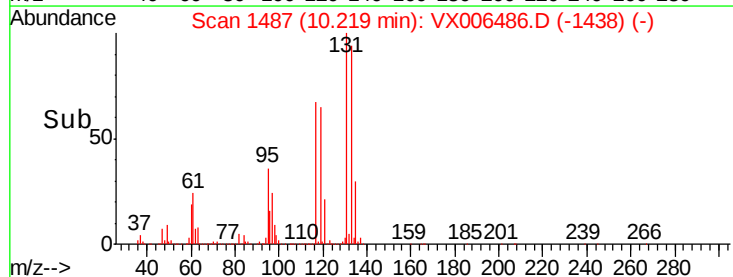
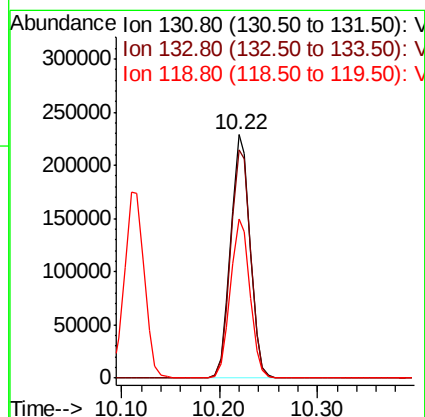
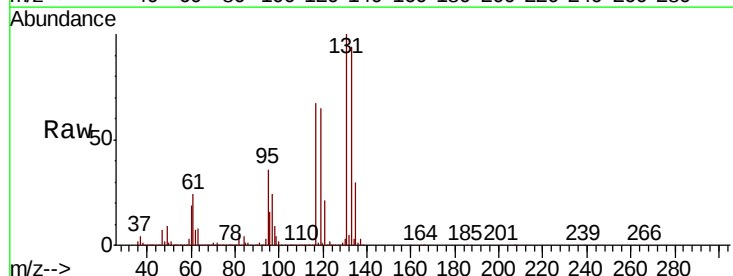
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

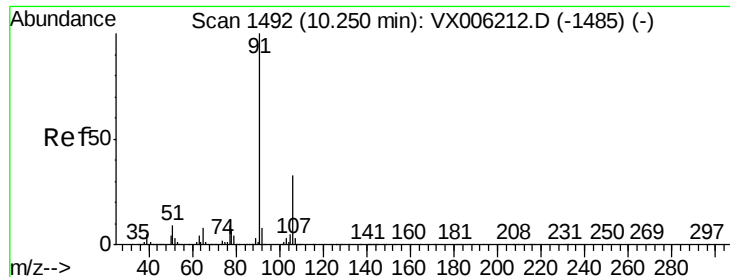
Tot Ion:112 Resp: 906418
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.509 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion:131 Resp: 315889
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 65.7 32.1 96.3





#67

Ethyl Benzene

Concen: 54.577 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

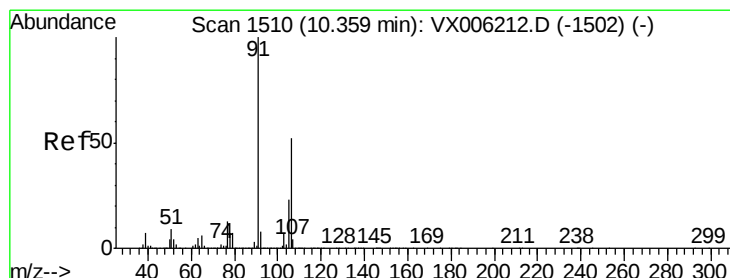
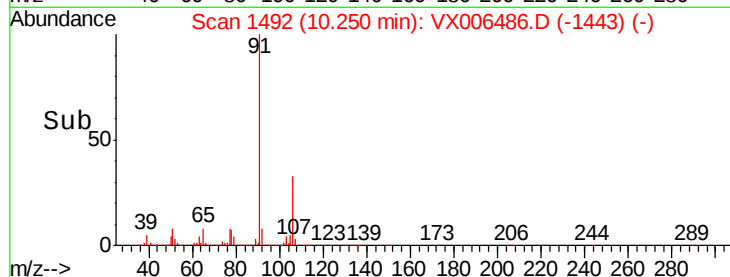
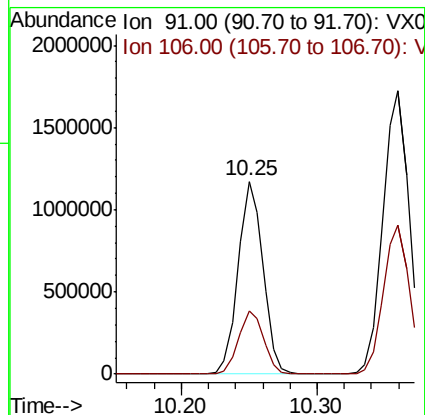
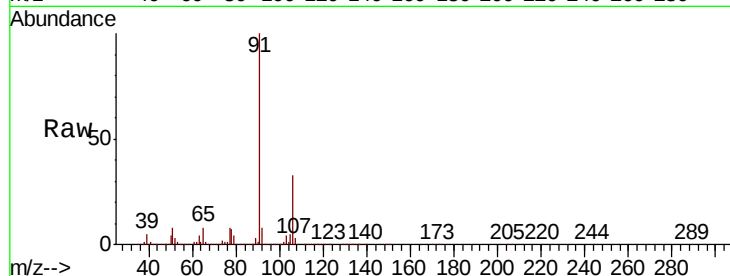
VSTDCCC050

Tot Ion: 91 Resp: 1490640

Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7



#68

m/p-Xylenes

Concen: 110.128 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006486.D

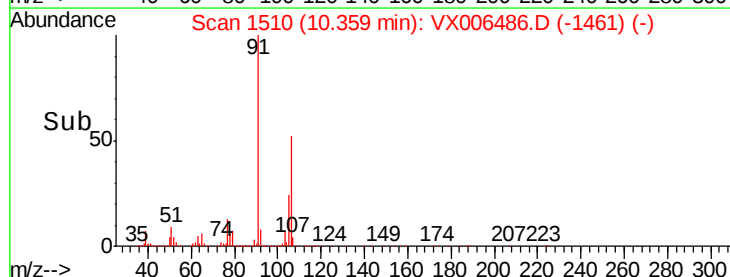
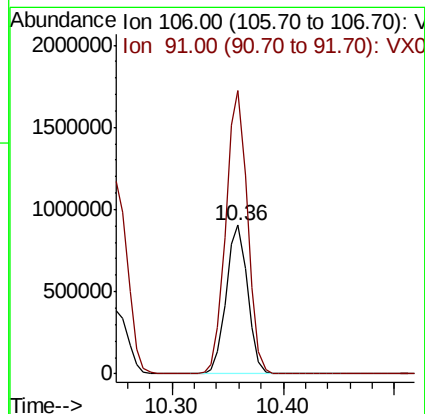
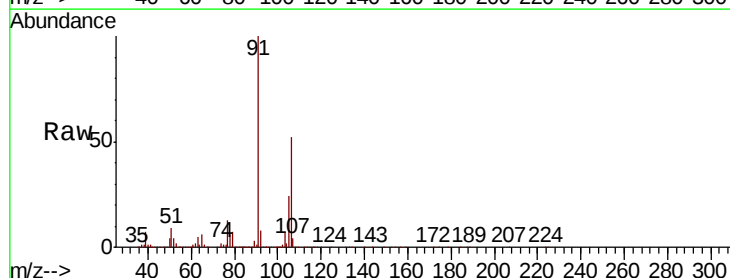
Acq: 13 Dec 2018 10:41

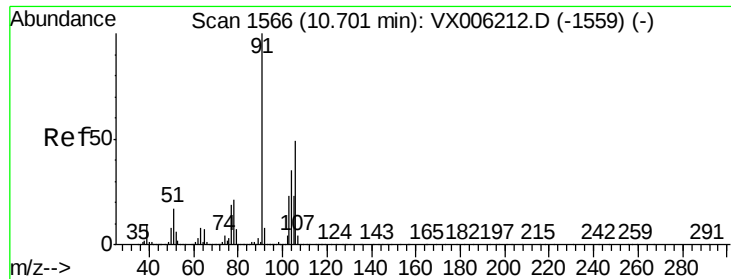
Tgt Ion: 106 Resp: 1204869

Ion Ratio Lower Upper

106 100

91 192.3 155.2 232.8

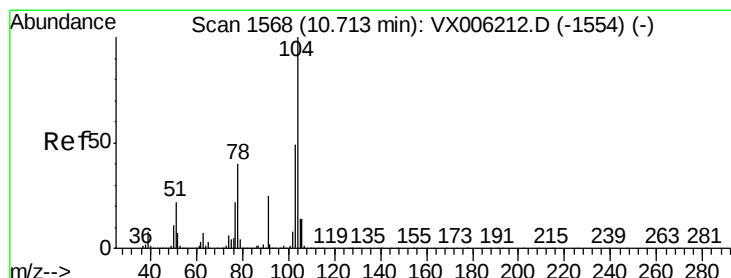
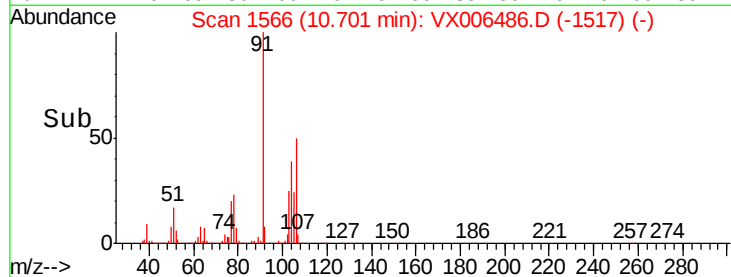
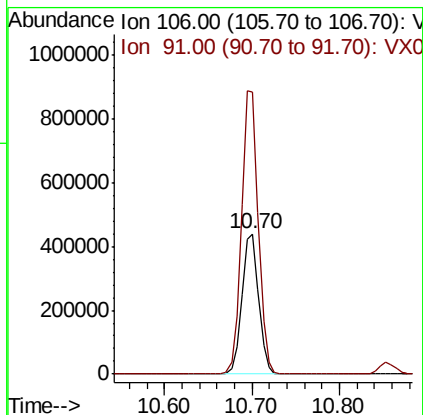
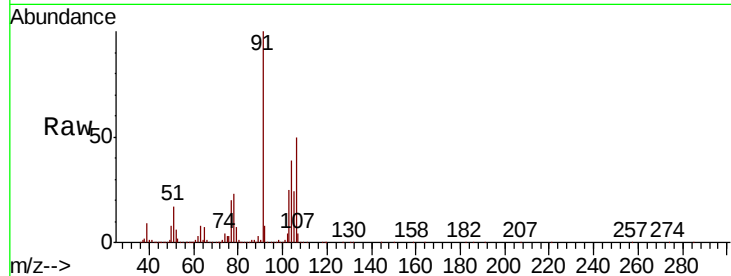




#69
o-Xylene
Concen: 54.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

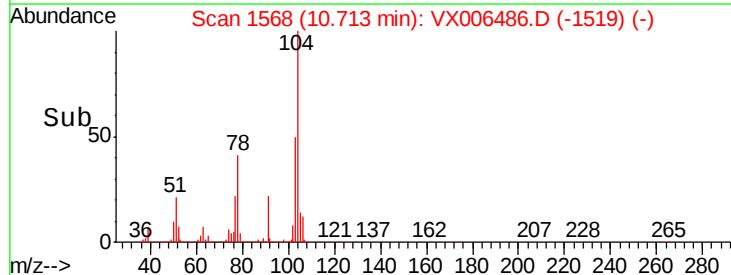
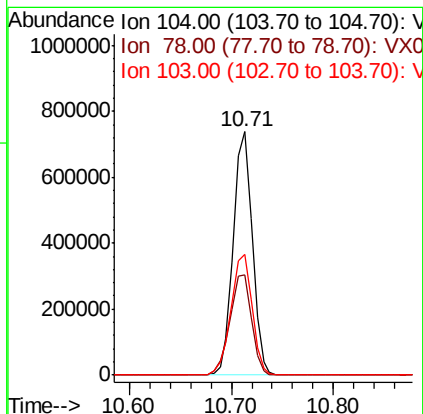
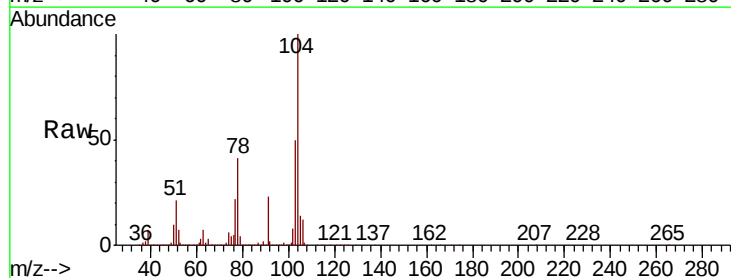
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

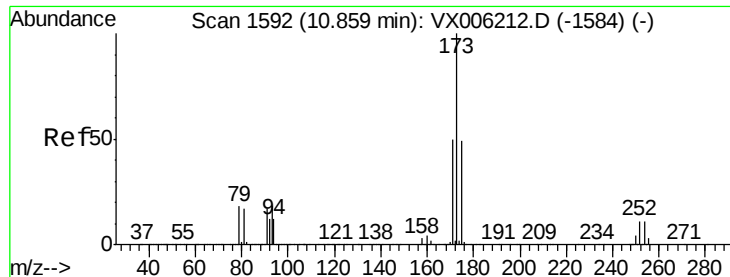
Tot Ion:106 Resp: 585257
Ion Ratio Lower Upper
106 100
91 203.2 101.8 305.6



#70
Styrene
Concen: 54.256 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion:104 Resp: 948312
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 55.2 43.5 65.3





#71

Bromoform

Concen: 41.778 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

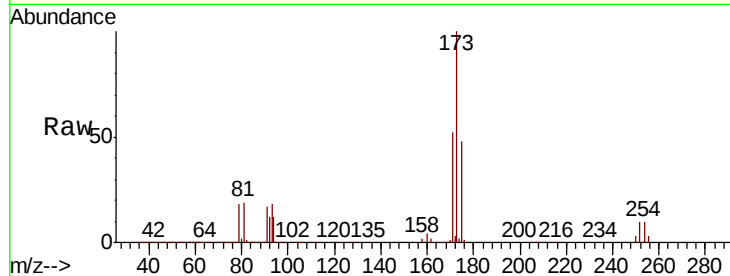
Tot Ion:173 Resp: 251630

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

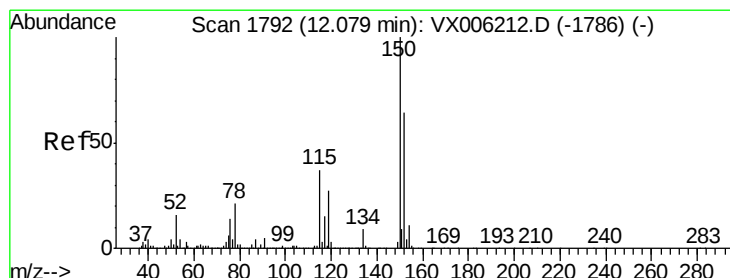
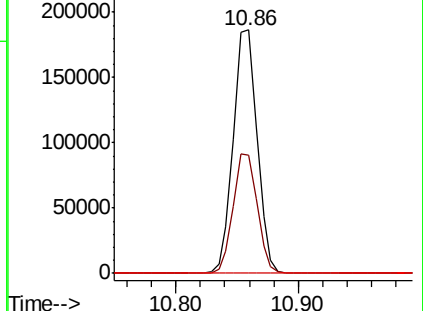
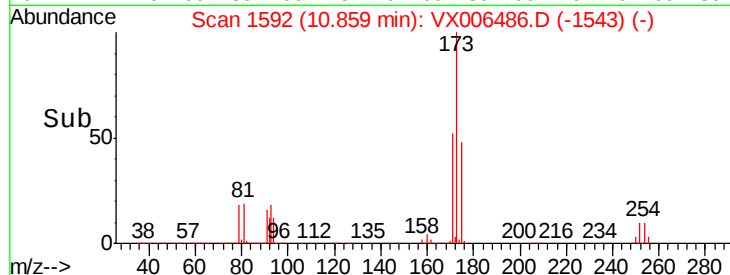
254 0.1 0.2 0.2#



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: VX006486.D

Acq: 13 Dec 2018 10:41

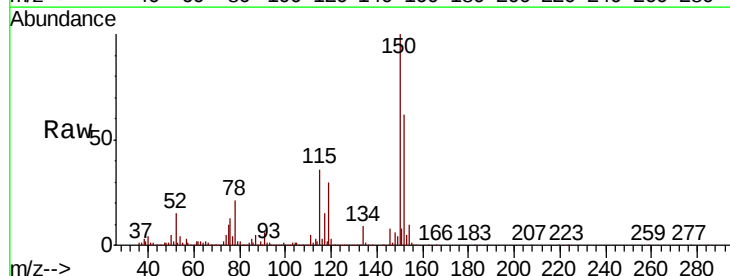
Tgt Ion:152 Resp: 407711

Ion Ratio Lower Upper

152 100

115 81.0 39.0 116.9

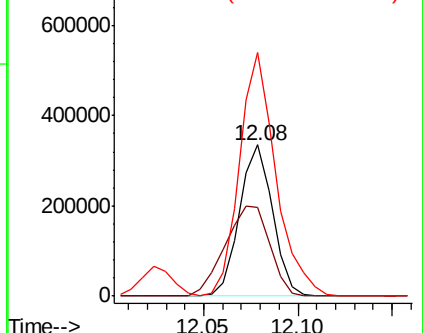
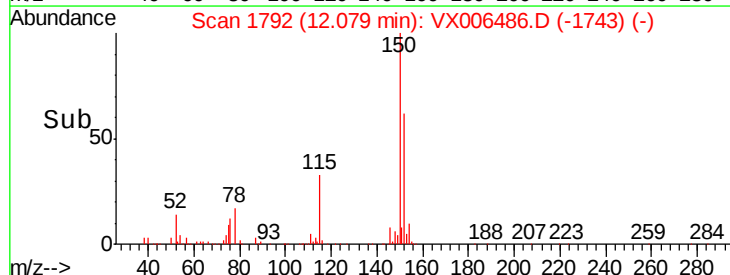
150 176.9 0.0 345.8

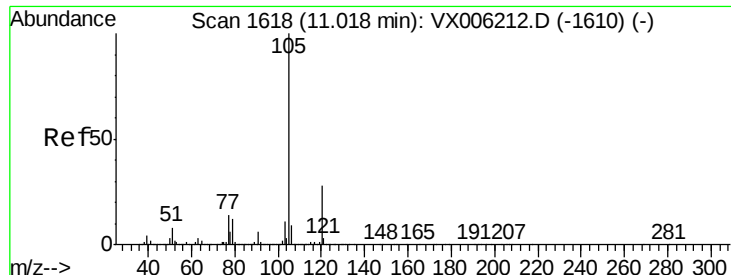


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.893 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

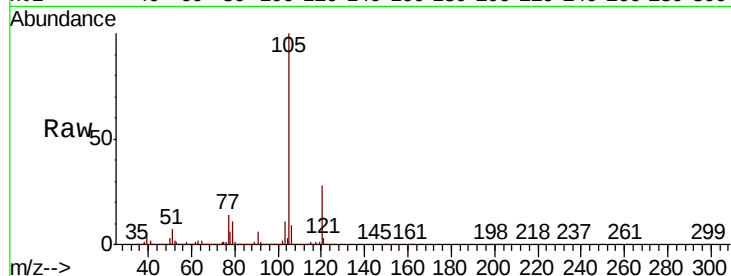
VSTDCCC050

Tot Ion:105 Resp: 1545572

Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

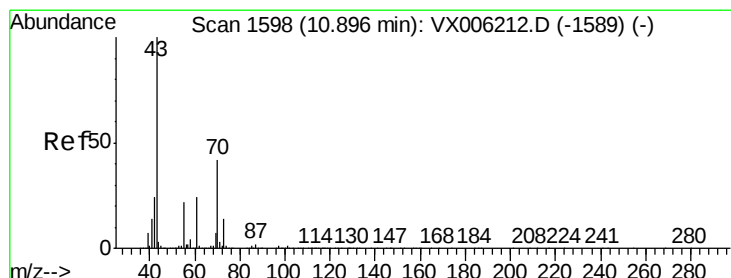
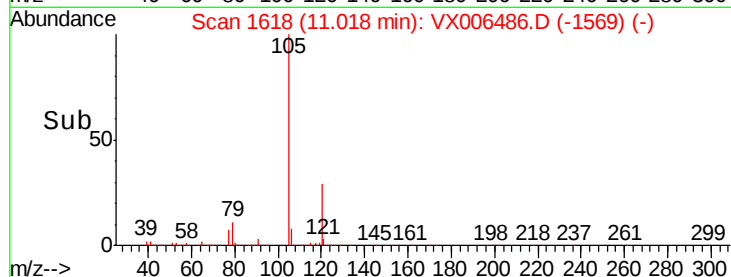
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 47.333 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion: 43 Resp: 573897

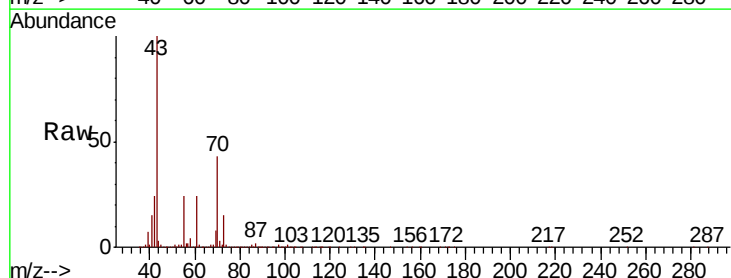
Ion Ratio Lower Upper

43 100

70 44.7 34.1 51.1

55 24.0 17.8 26.8

61 25.4 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

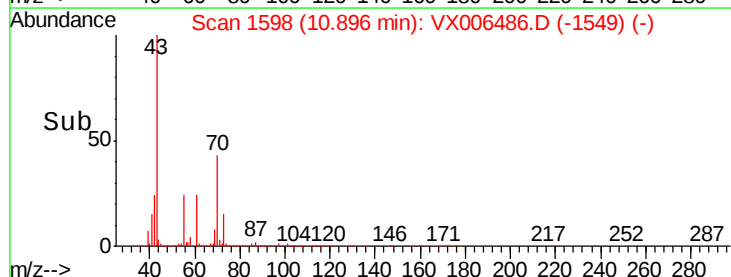
600000

400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.098 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

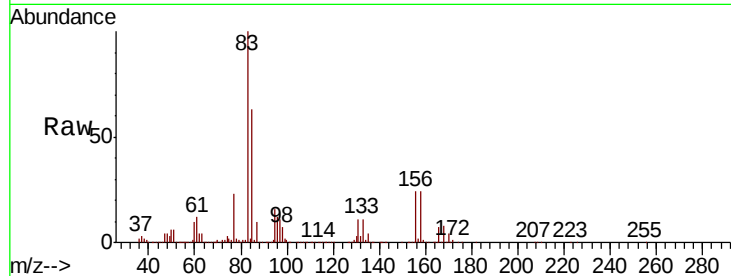
Tot Ion: 83 Resp: 460273

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

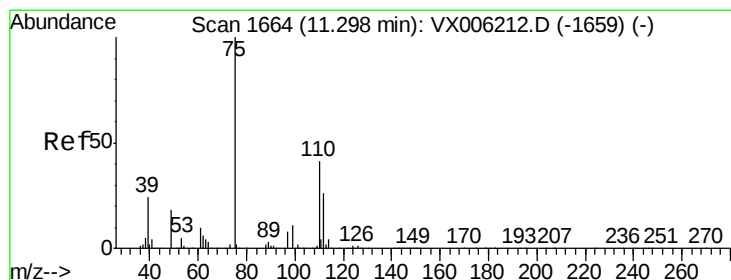
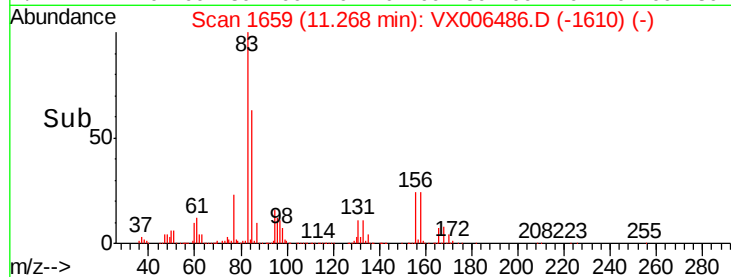
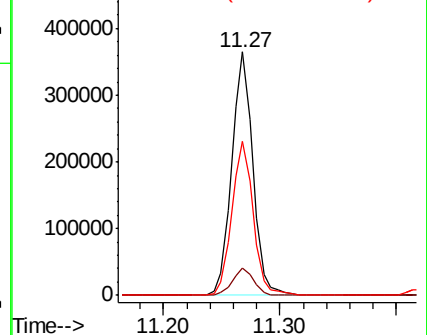
85 64.2 32.1 96.5



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: 67.635 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006486.D

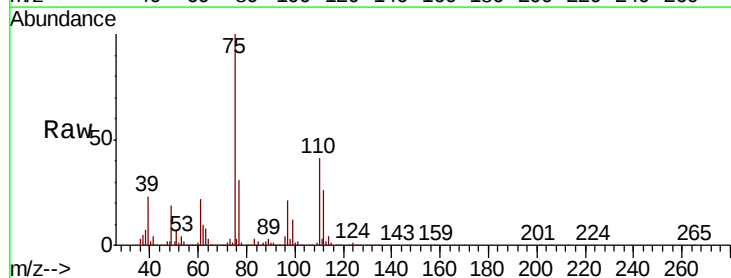
Acq: 13 Dec 2018 10:41

Tgt Ion: 75 Resp: 532256

Ion Ratio Lower Upper

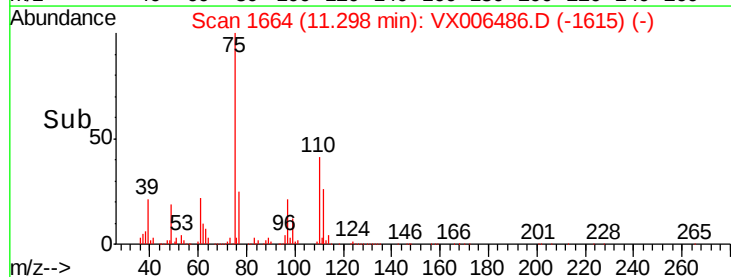
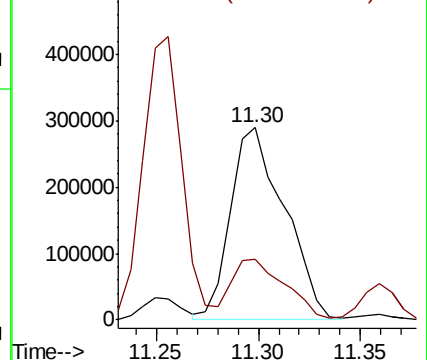
75 100

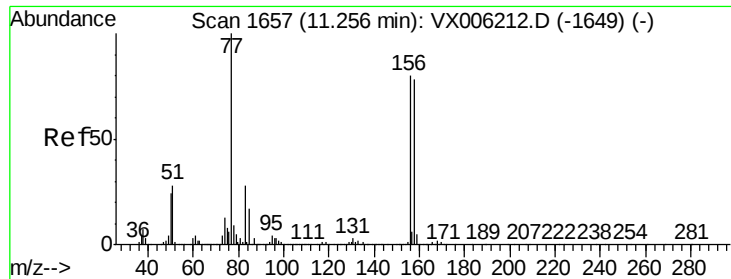
77 31.0 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.511 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

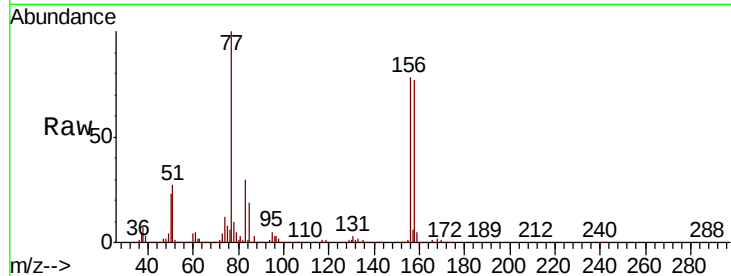
Tot Ion:156 Resp: 418120

Ion Ratio Lower Upper

156 100

77 135.5 66.2 198.6

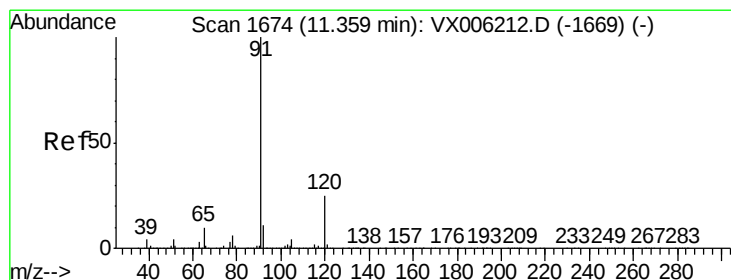
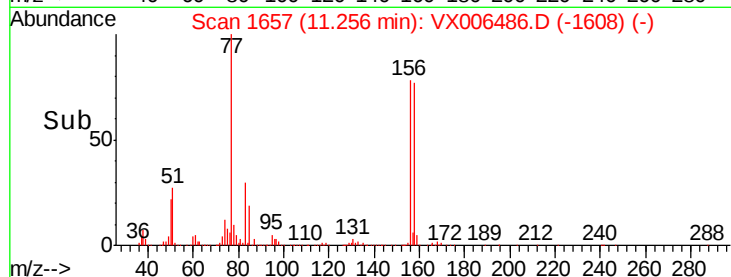
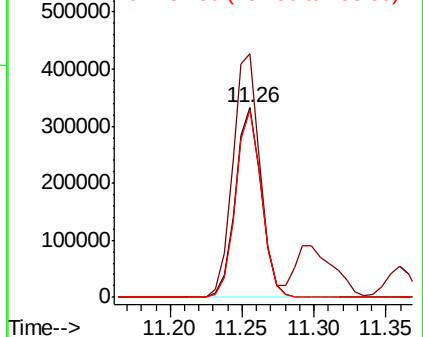
158 98.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.617 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006486.D

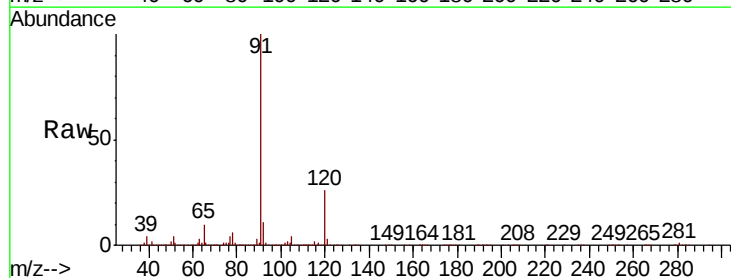
Acq: 13 Dec 2018 10:41

Tgt Ion: 91 Resp: 1740714

Ion Ratio Lower Upper

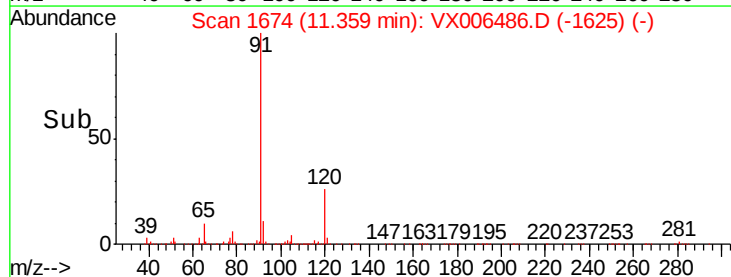
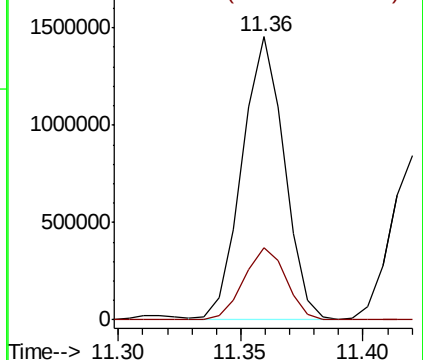
91 100

120 25.7 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: 55.086 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

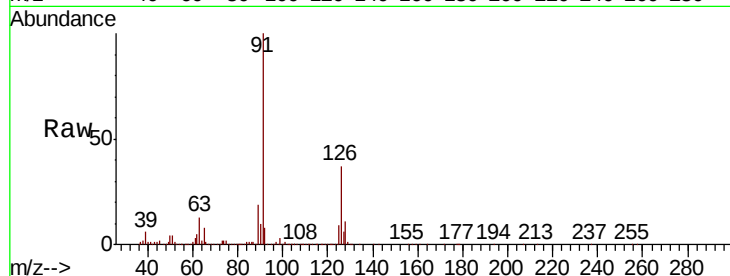
VSTDCCC050

Tot Ion: 91 Resp: 1024727

Ion Ratio Lower Upper

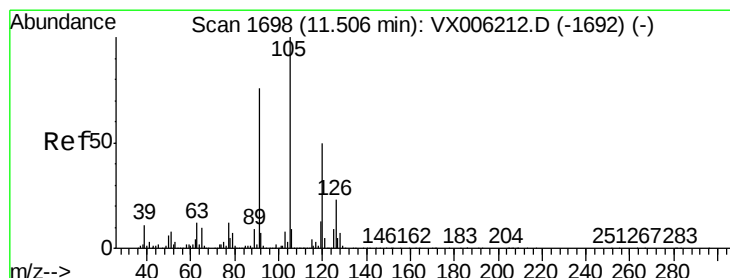
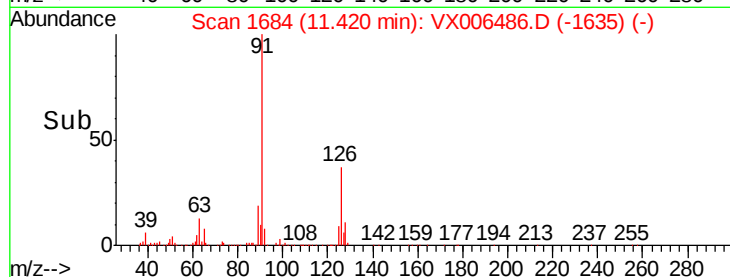
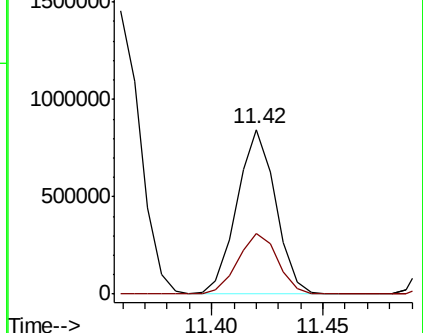
91 100

126 37.9 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006486.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006486.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.636 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006486.D

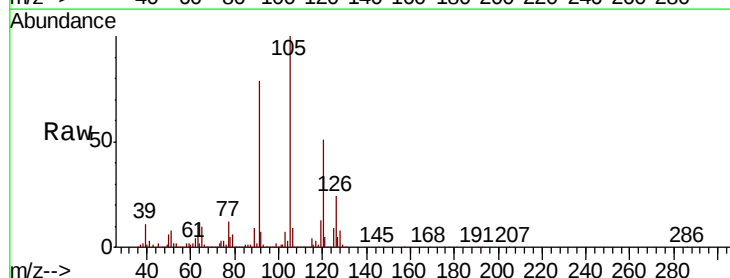
Acq: 13 Dec 2018 10:41

Tgt Ion: 105 Resp: 1303358

Ion Ratio Lower Upper

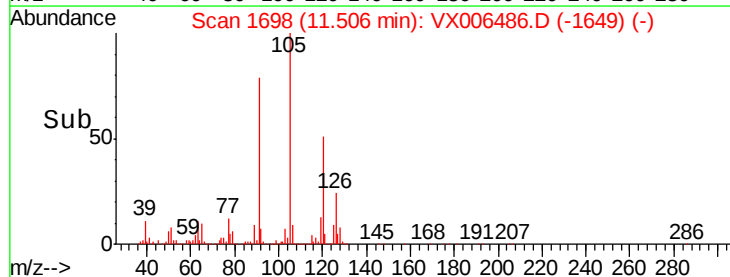
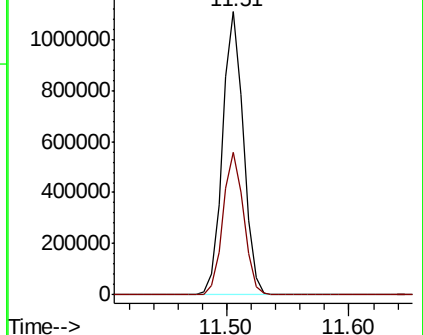
105 100

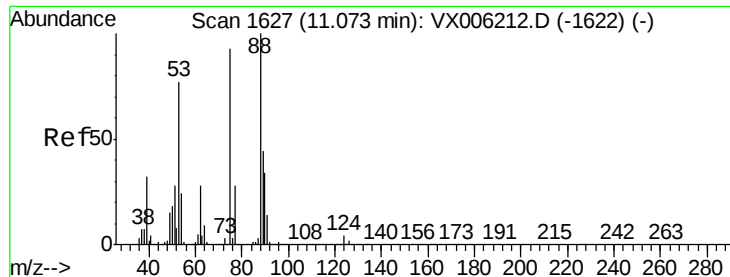
120 50.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006486.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006486.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.831 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

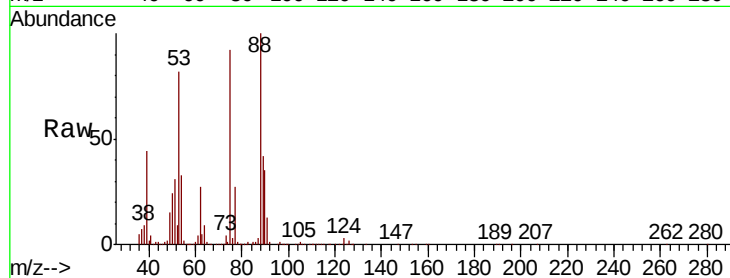
Tot Ion: 75 Resp: 140276

Ion Ratio Lower Upper

75 100

53 90.4 64.4 96.6

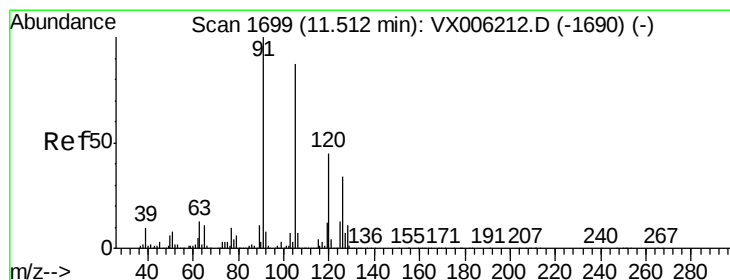
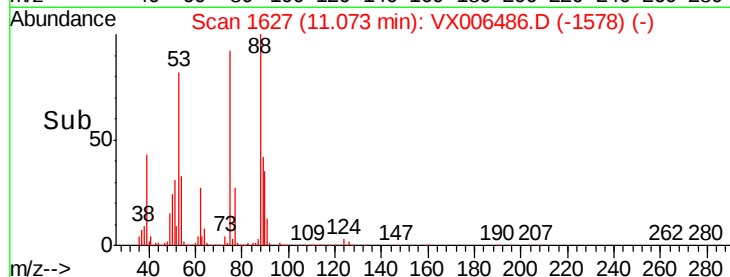
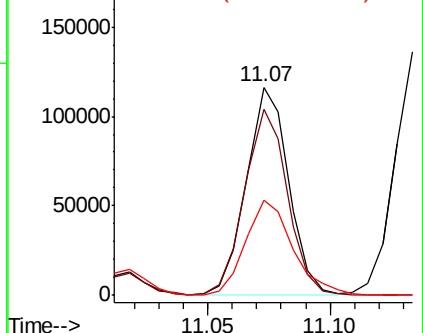
89 51.7 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.081 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006486.D

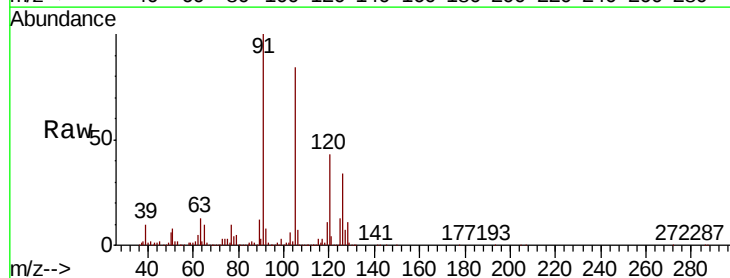
Acq: 13 Dec 2018 10:41

Tgt Ion: 91 Resp: 1191306

Ion Ratio Lower Upper

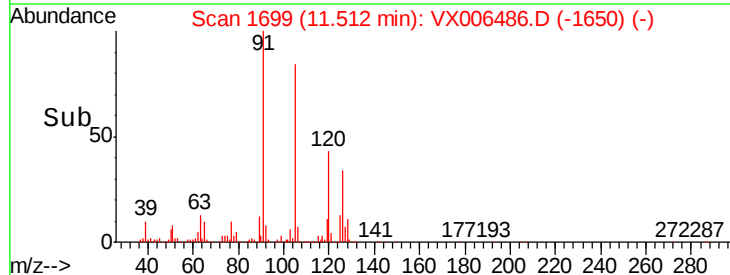
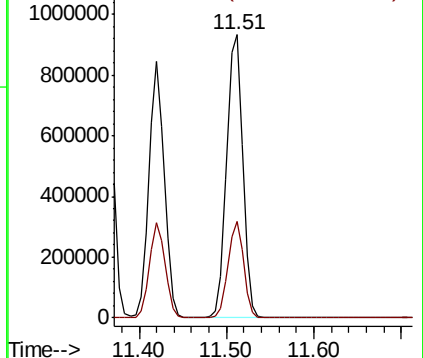
91 100

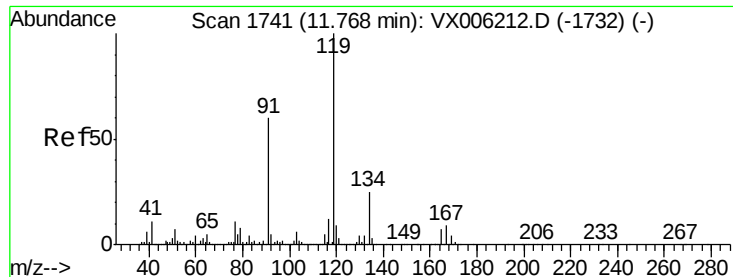
126 32.9 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.293 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

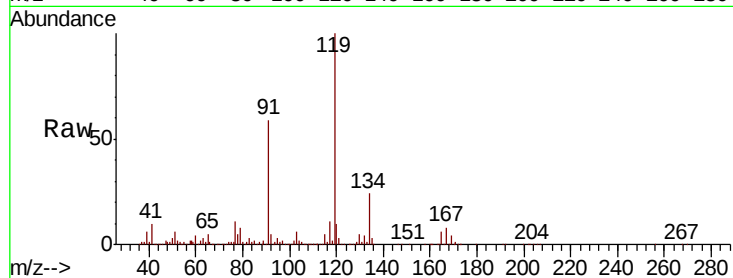
Tot Ion:119 Resp: 1357063

Ion Ratio Lower Upper

119 100

91 53.4 26.4 79.2

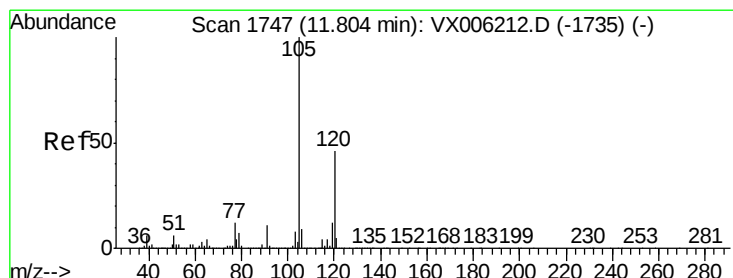
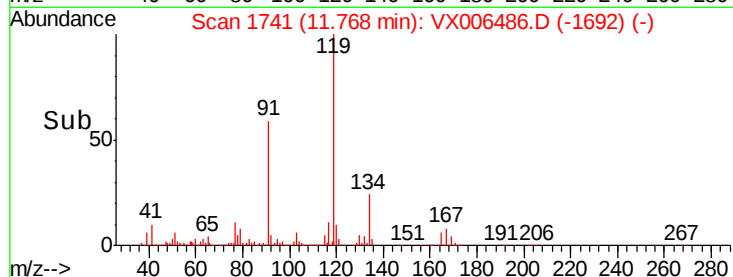
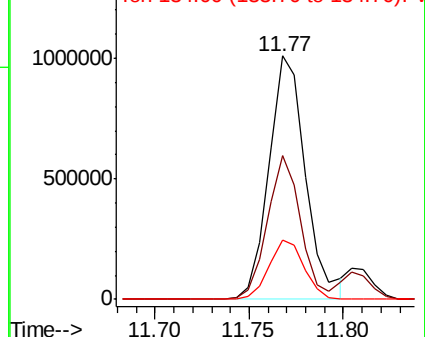
134 23.5 11.6 34.7



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: 55.172 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006486.D

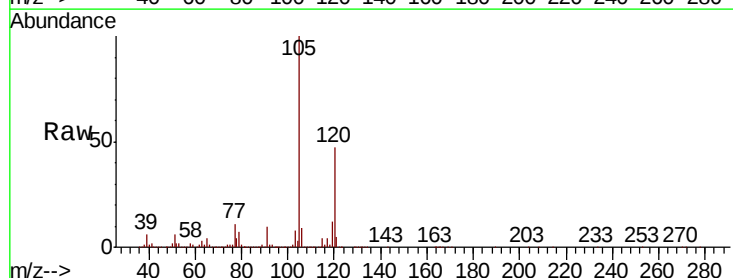
Acq: 13 Dec 2018 10:41

Tgt Ion:105 Resp: 1334624

Ion Ratio Lower Upper

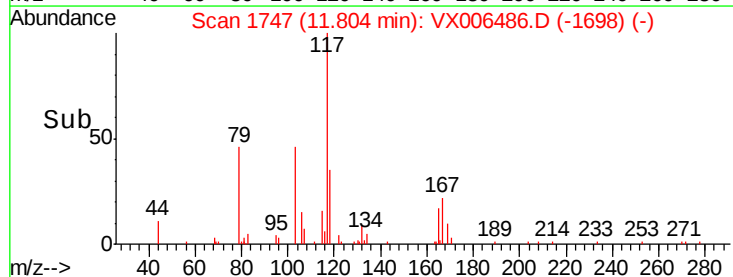
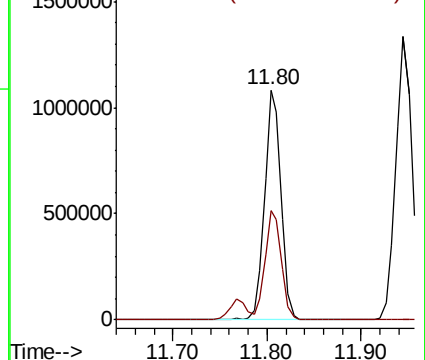
105 100

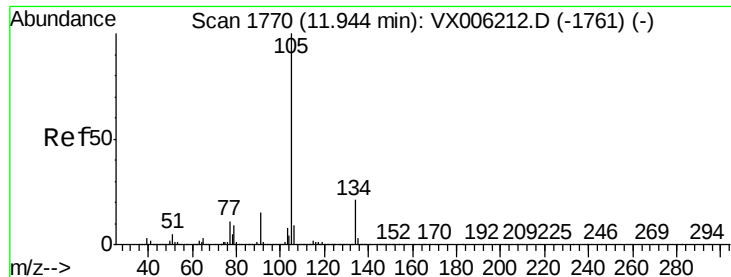
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.507 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

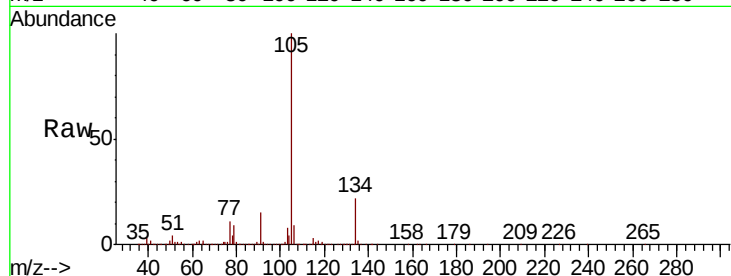
VSTDCCC050

Tot Ion:105 Resp: 1606809

Ion Ratio Lower Upper

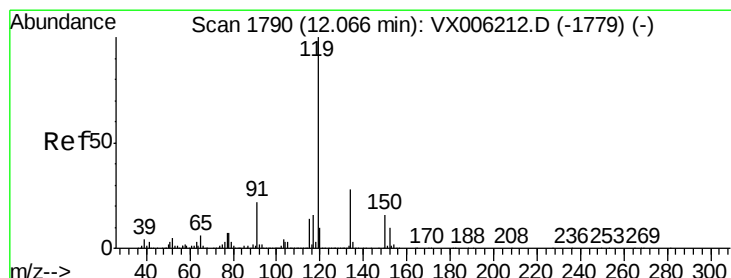
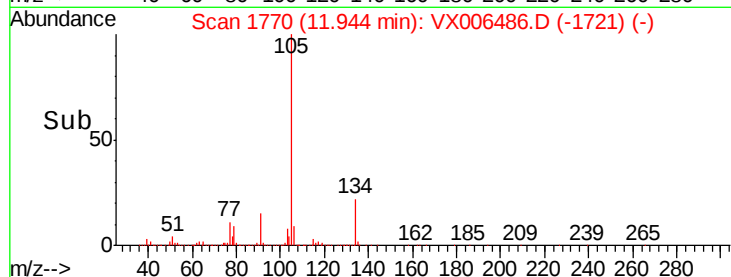
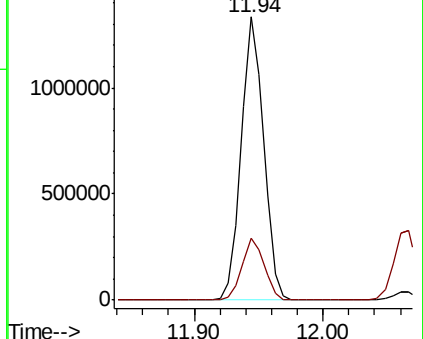
105 100

134 21.7 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: 56.671 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

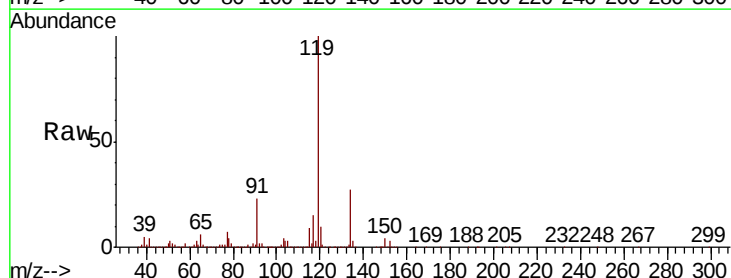
Tgt Ion:119 Resp: 1451075

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

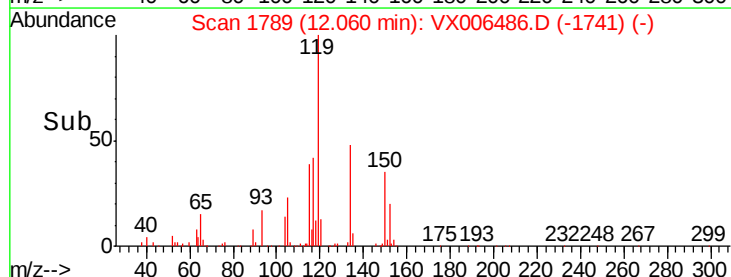
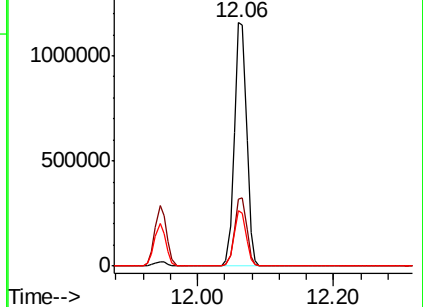
91 22.4 11.3 33.8



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

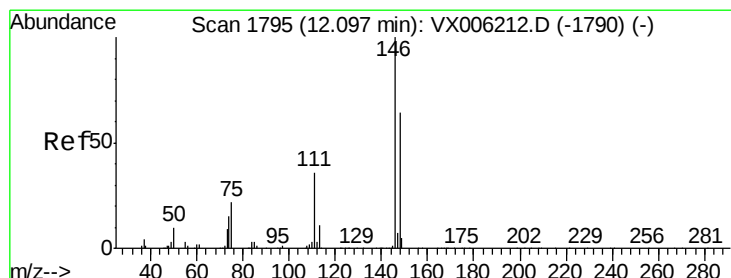
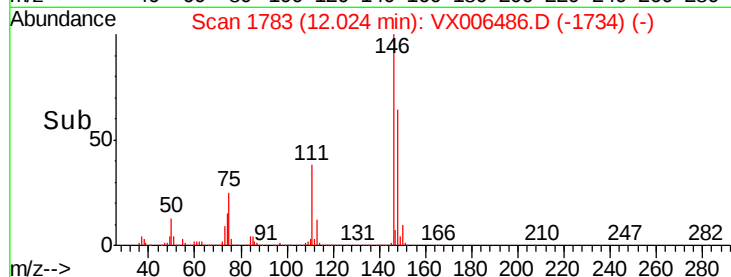
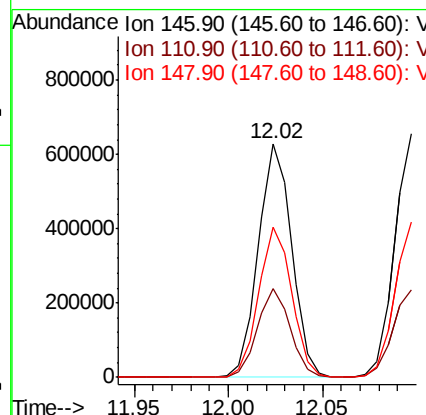
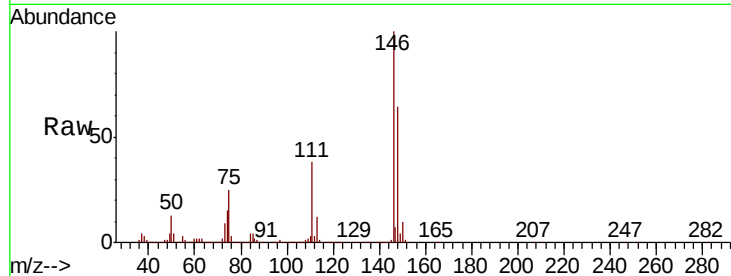




#87
 1,3-Dichlorobenzene
 Concen: 55.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

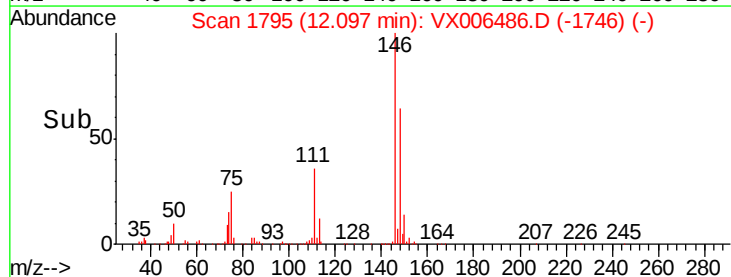
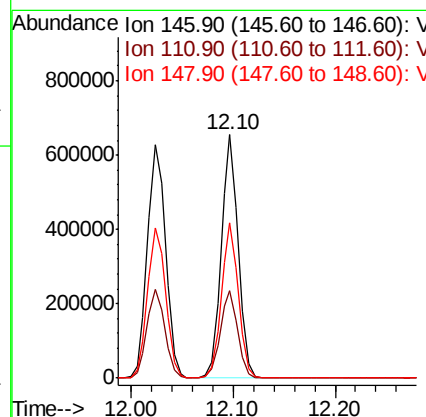
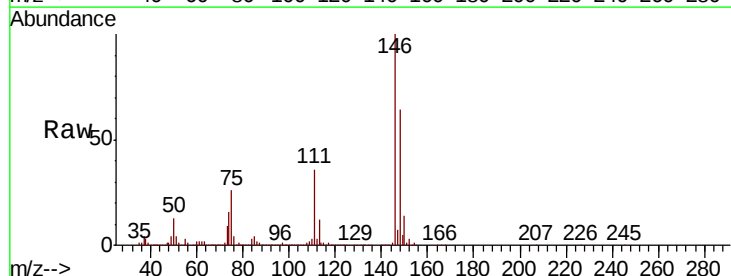
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

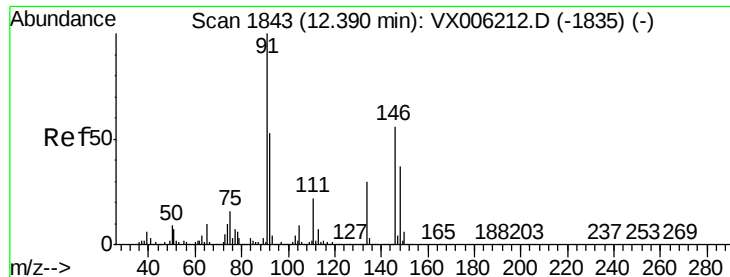
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	64.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 54.293 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	63.8	31.9	95.9

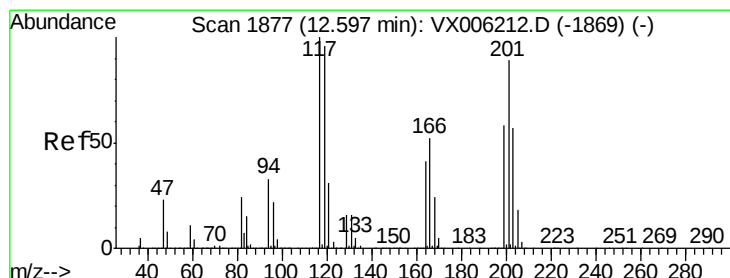
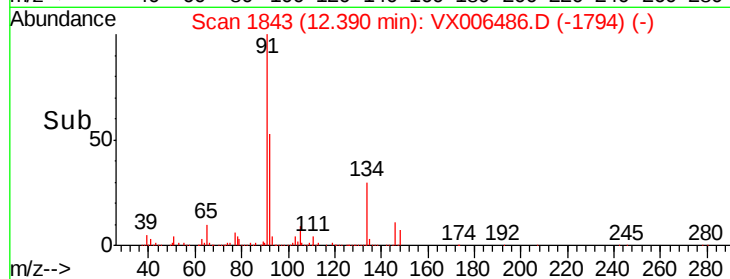
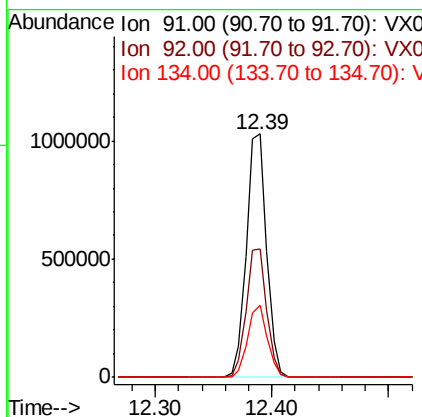
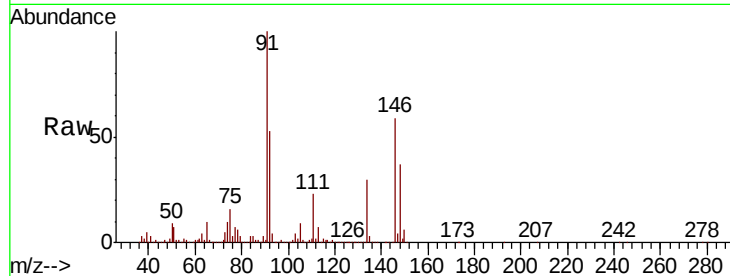




#89
n-Butylbenzene
Concen: 57.332 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

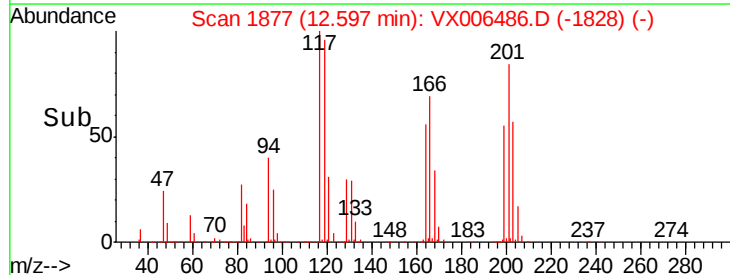
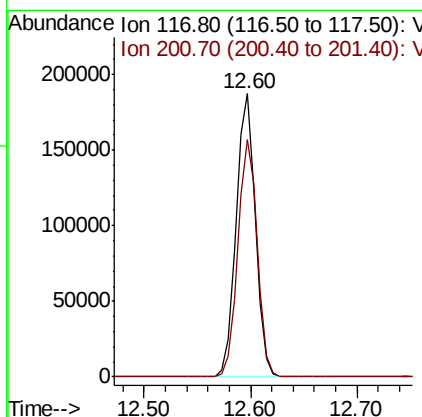
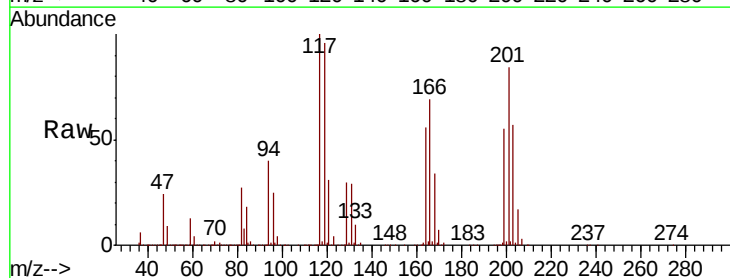
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

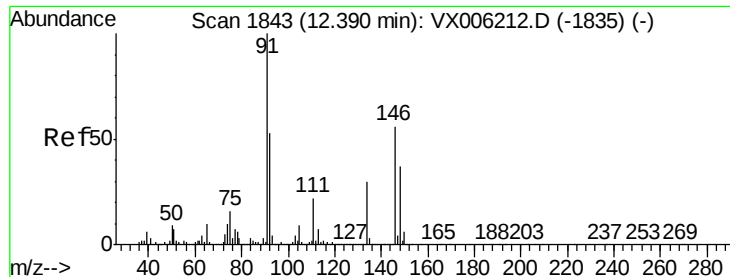
Tot Ion: 91 Resp: 1252574
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.1 14.8 44.3



#90
Hexachloroethane
Concen: 45.567 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006486.D
Acq: 13 Dec 2018 10:41

Tgt Ion: 117 Resp: 237796
Ion Ratio Lower Upper
117 100
201 84.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 53.723 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

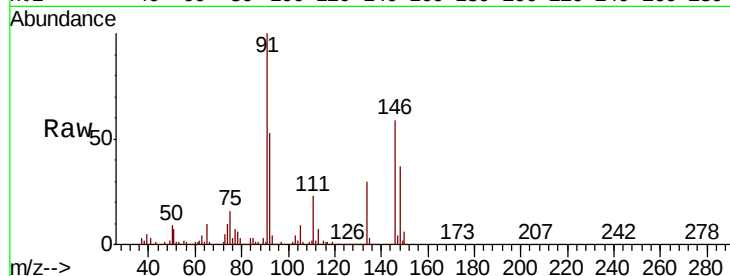
Tot Ion:146 Resp: 741310

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

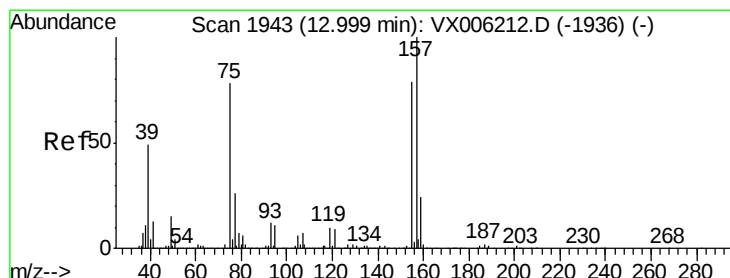
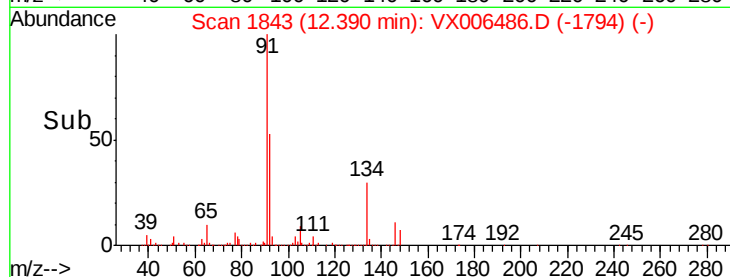
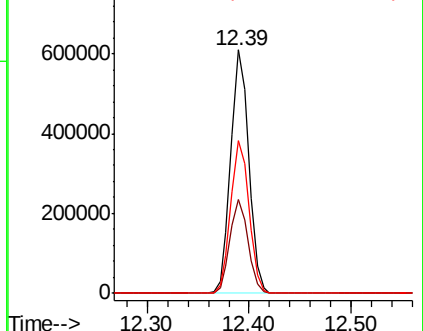
148 63.8 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.204 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

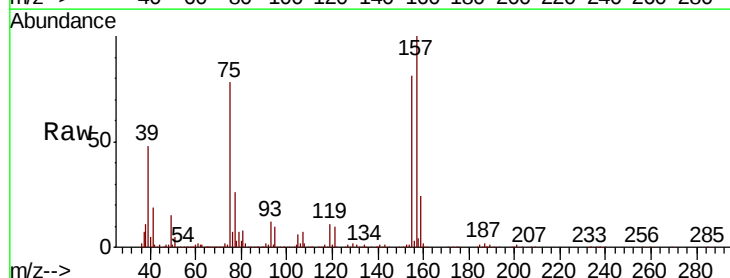
Tgt Ion: 75 Resp: 97451

Ion Ratio Lower Upper

75 100

155 102.1 53.4 160.3

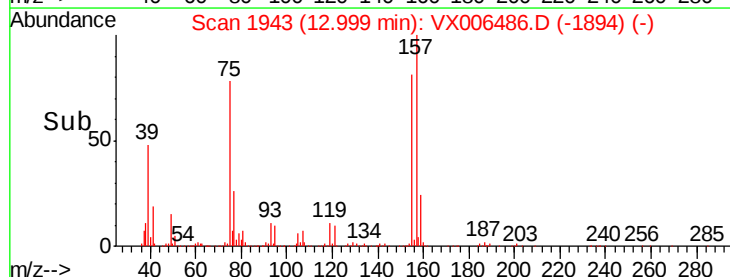
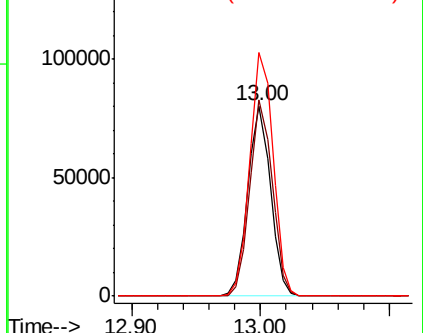
157 131.1 68.0 203.8

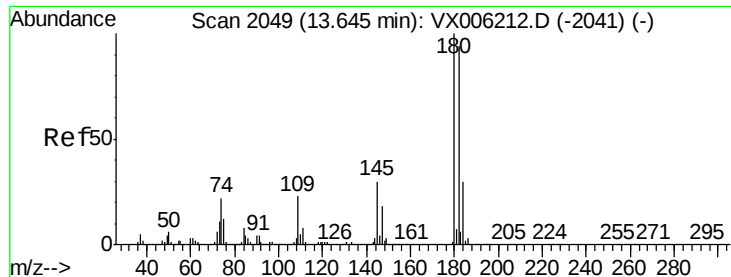


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

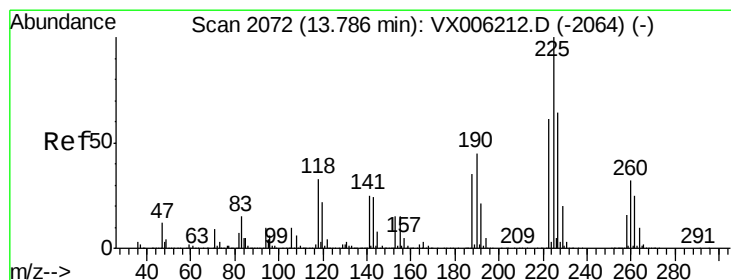
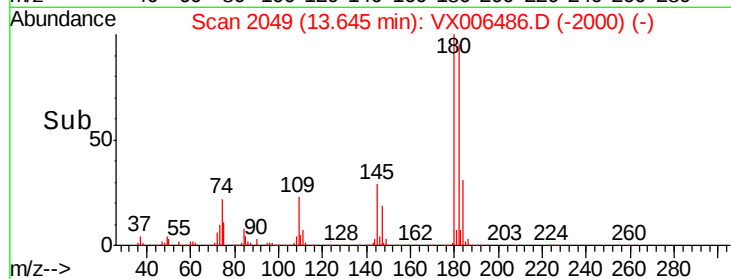
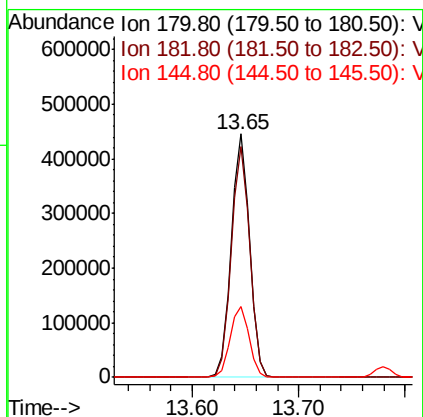
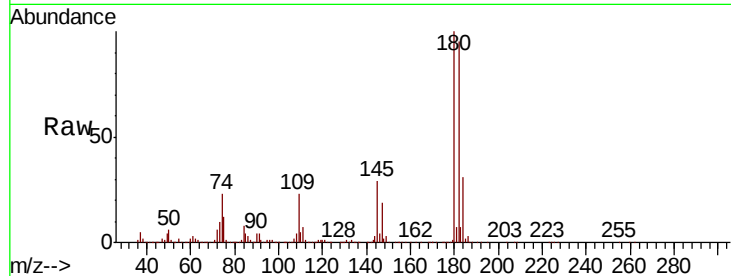




#93
 1,2,4-Trichlorobenzene
 Concen: 53.465 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

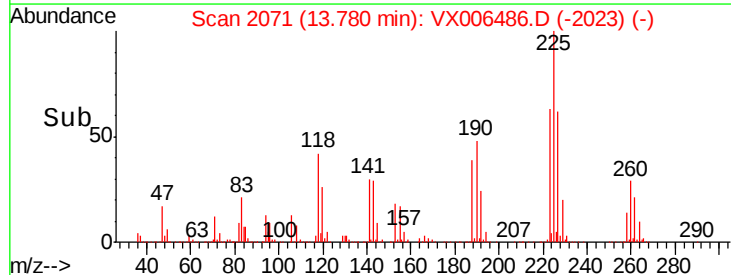
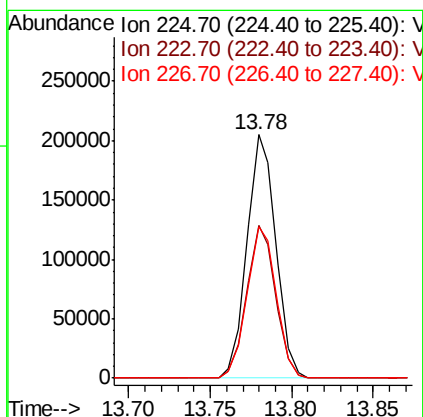
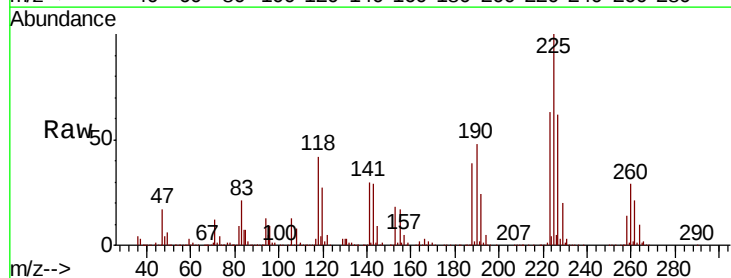
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	30.1	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 56.872 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006486.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 52.279 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Instrument :

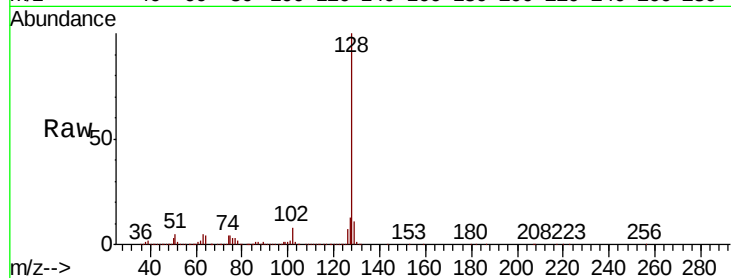
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1637107

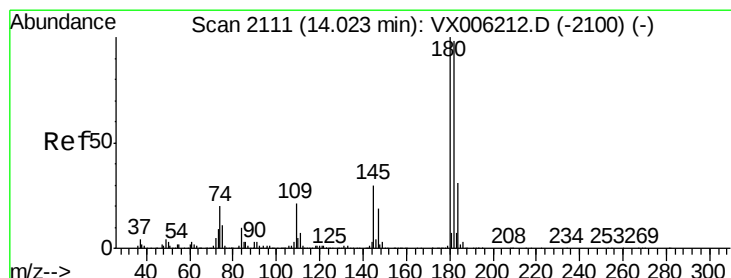
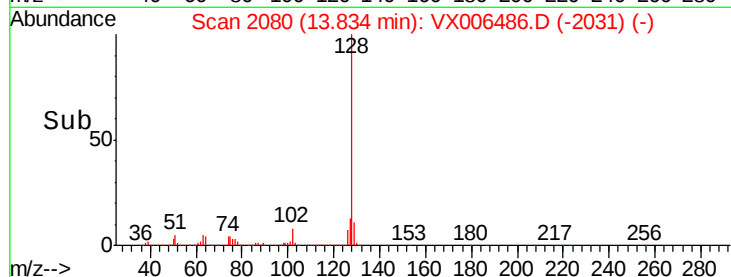
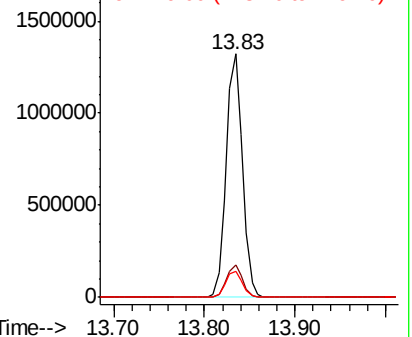
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.475 ug/l

RT: 14.02 min Scan# 2110

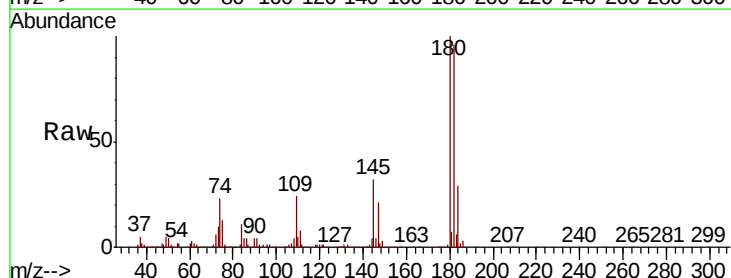
Delta R.T. -0.01 min

Lab File: VX006486.D

Acq: 13 Dec 2018 10:41

Tgt Ion:180 Resp: 533210

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.2
145	32.0	15.6	46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

