

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008446.D
 Acq On : 26 Mar 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 01:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	375361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	166498	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	124585	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	501016	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	194598	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144073	53.941	ug/l	100
3) Chloromethane	1.32	50	179525	53.304	ug/l	99
4) Vinyl Chloride	1.40	62	196265	52.628	ug/l	99
5) Bromomethane	1.64	94	86460	44.383	ug/l	99
6) Chloroethane	1.71	64	118717	53.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	227062	53.759	ug/l	98
8) Diethyl Ether	2.18	74	106321	53.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142347	55.766	ug/l	99
10) Methyl Iodide	2.50	142	112594	45.719	ug/l	100
11) Tert butyl alcohol	3.06	59	203155	266.922	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140681	53.365	ug/l	98
13) Acrolein	2.29	56	206044	372.790	ug/l	100
14) Allyl chloride	2.72	41	311381	53.615	ug/l	99
15) Acrylonitrile	3.14	53	512571	256.832	ug/l	100
16) Acetone	2.44	43	540984	301.309	ug/l	99
17) Carbon Disulfide	2.56	76	422693	55.931	ug/l	99
18) Methyl Acetate	2.77	43	219998	51.018	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	515621	54.278	ug/l	99
20) Methylene Chloride	2.85	84	165599	56.597	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	148261	56.477	ug/l	97
22) Diisopropyl ether	3.85	45	618957	54.125	ug/l	96
23) Vinyl Acetate	3.81	43	2739684	274.599	ug/l	99
24) 1,1-Dichloroethane	3.69	63	310934	53.856	ug/l	99
25) 2-Butanone	4.67	43	797507	277.064	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217195	56.561	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	173065	53.687	ug/l	100
28) Bromochloromethane	5.01	49	139076	48.759	ug/l	100
29) Tetrahydrofuran	5.12	42	485420	255.877	ug/l	100
30) Chloroform	5.20	83	281912	54.107	ug/l	100
31) Cyclohexane	5.57	56	300200	54.519	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	230539	55.355	ug/l	99
36) 1,1-Dichloropropene	5.79	75	223138	55.754	ug/l	99
37) Ethyl Acetate	4.83	43	284250	54.824	ug/l	100
38) Carbon Tetrachloride	5.78	117	192665	57.685	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283256	59.222	ug/l	99
40) Benzene	6.13	78	665417	55.537	ug/l	100
41) Methacrylonitrile	5.04	41	162158	55.654	ug/l	100
42) 1,2-Dichloroethane	6.18	62	238280	54.317	ug/l	100
43) Isopropyl Acetate	6.44	43	464619	56.025	ug/l	100
44) Trichloroethene	7.21	130	155707	55.348	ug/l	98
45) 1,2-Dichloropropane	7.51	63	192532	56.534	ug/l	98
46) Dibromomethane	7.66	93	109801	55.212	ug/l	99
47) Bromodichloromethane	7.90	83	220923	58.038	ug/l	99
48) Methyl methacrylate	7.76	41	237799	57.308	ug/l	99
49) 1,4-Dioxane	7.74	88	90664	1098.874	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1537864	285.509	ug/l	100
52) Toluene	8.78	92	404975	56.529	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	252372	60.531	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	280630	59.191	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162603	55.757	ug/l	99
56) Ethyl methacrylate	9.18	69	310262	58.939	ug/l	100
57) 1,3-Dichloropropane	9.37	76	291788	55.806	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	706365	259.587	ug/l	100
59) 2-Hexanone	9.49	43	1235138	295.935	ug/l	100
60) Dibromochloromethane	9.58	129	163556	58.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168624	56.659	ug/l	99
64) Tetrachloroethene	9.34	164	127215	54.596	ug/l	97
65) Chlorobenzene	10.13	112	418977	55.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	148191	57.386	ug/l	99
67) Ethyl Benzene	10.25	91	797923	56.485	ug/l	99
68) m/p-Xylenes	10.35	106	584255	113.689	ug/l	99
69) o-Xylene	10.69	106	281862	56.518	ug/l	100
70) Styrene	10.71	104	503835	58.487	ug/l	100
71) Bromoform	10.85	173	121867	59.757	ug/l #	99
73) Isopropylbenzene	11.02	105	757850	54.202	ug/l	100
74) N-amyl acetate	10.90	43	445770	55.081	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	280628	51.729	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	327352	64.069	ug/l	81
77) Bromobenzene	11.26	156	180395	53.160	ug/l	100
78) n-propylbenzene	11.36	91	918604	56.084	ug/l	100
79) 2-Chlorotoluene	11.42	91	535866	53.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656843	55.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94570	59.282	ug/l	99
82) 4-Chlorotoluene	11.51	91	636140	55.358	ug/l	100
83) tert-Butylbenzene	11.77	119	628452	55.105	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	659774	55.183	ug/l	99
85) sec-Butylbenzene	11.94	105	767688	56.525	ug/l	100
86) p-Isopropyltoluene	12.06	119	688069	57.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	331727	54.713	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	334593	54.681	ug/l	99
89) n-Butylbenzene	12.38	91	671533	59.153	ug/l	100
90) Hexachloroethane	12.60	117	115884	58.044	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	327842	53.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60473	51.124	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
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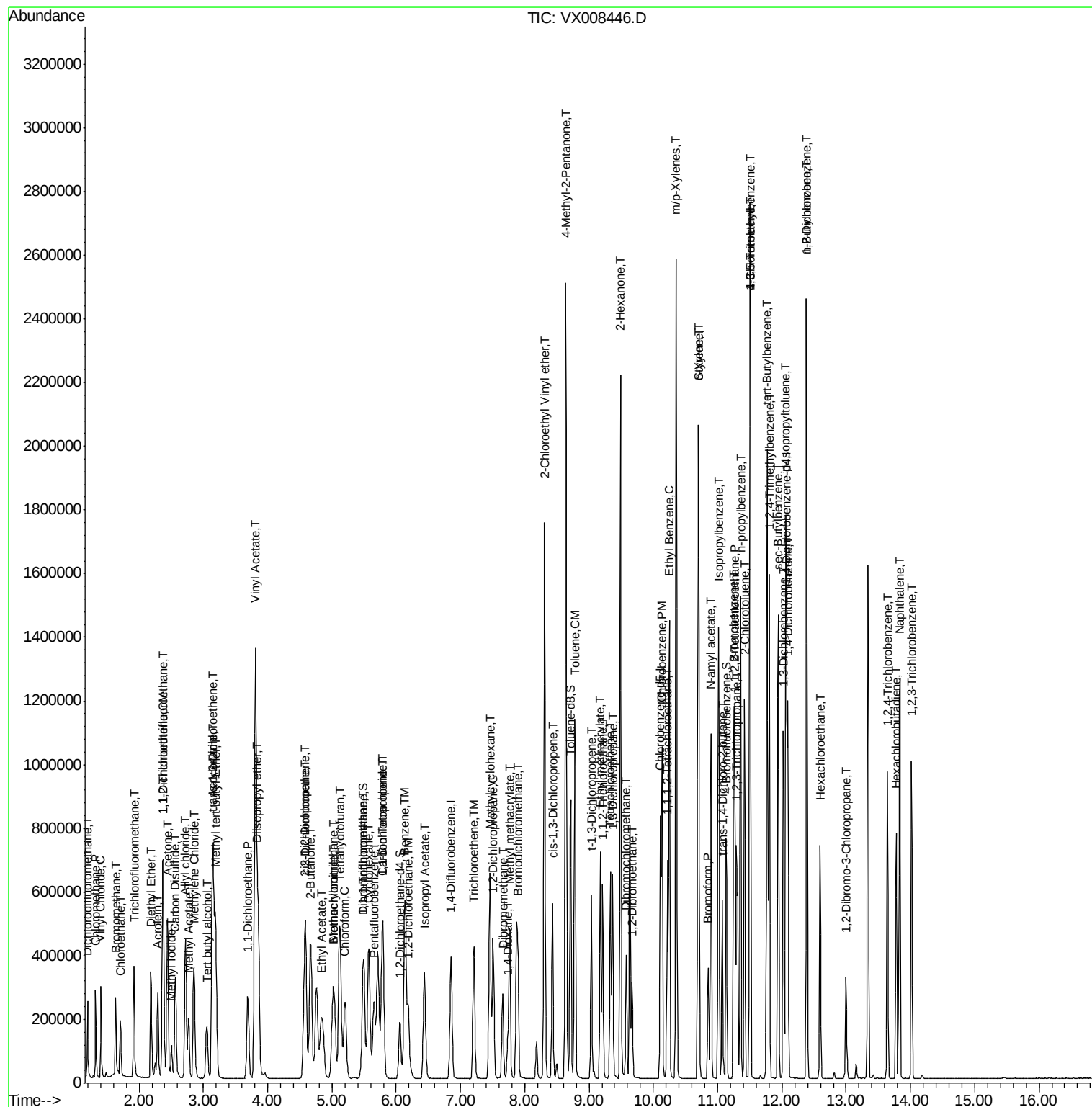
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229634	56.175	ug/l	100
94) Hexachlorobutadiene	13.78	225	111035	57.204	ug/l	100
95) Naphthalene	13.83	128	748928	53.439	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	224432	54.637	ug/l	99

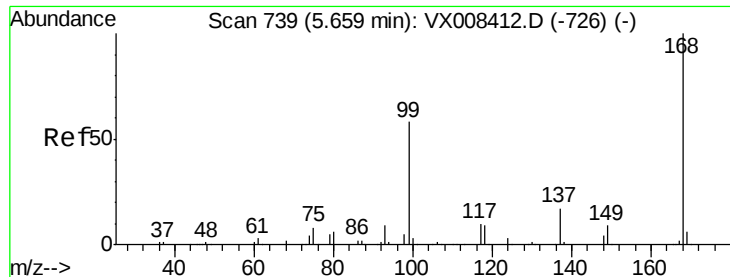
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

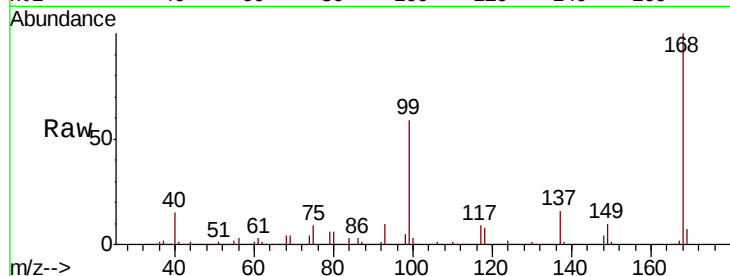
VSTDCCC050

Tot Ion:168 Resp: 226595

Ion Ratio Lower Upper

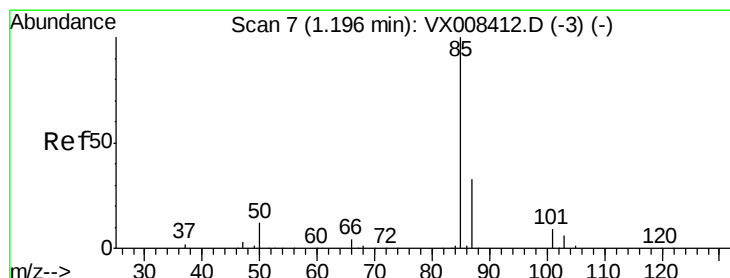
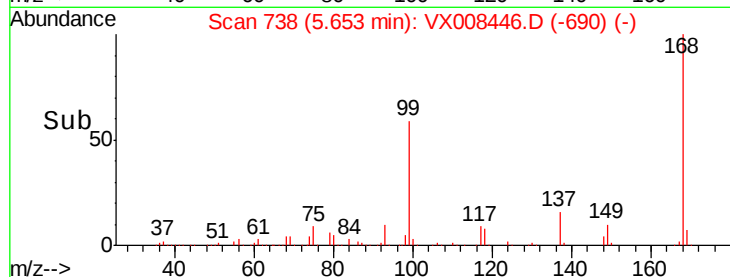
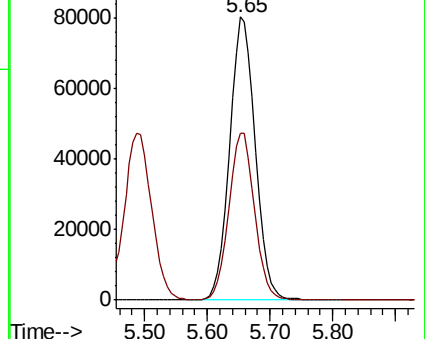
168 100

99 58.6 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.941 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008446.D

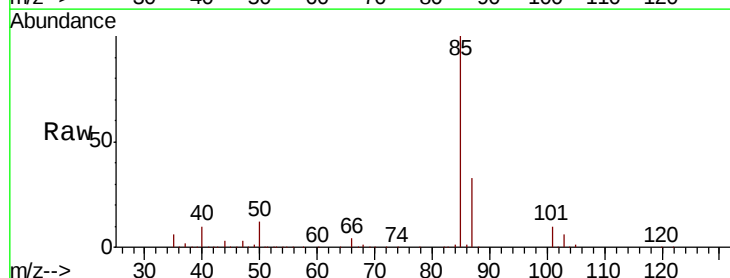
Acq: 26 Mar 2019 09:57

Tgt Ion: 85 Resp: 144073

Ion Ratio Lower Upper

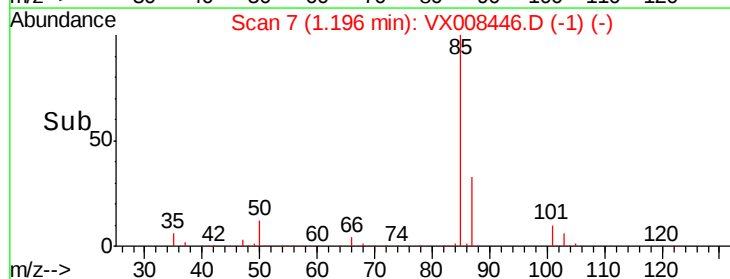
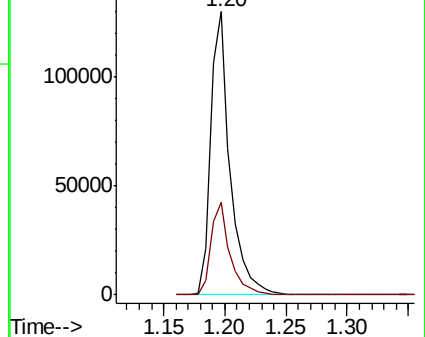
85 100

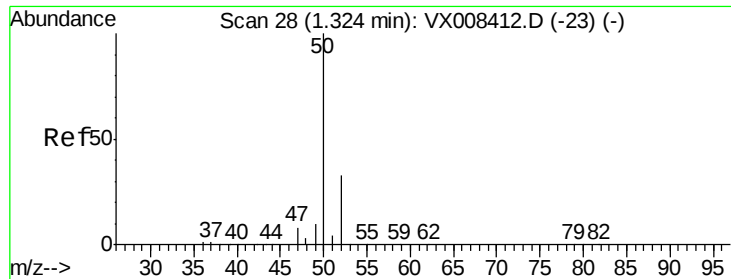
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.304 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

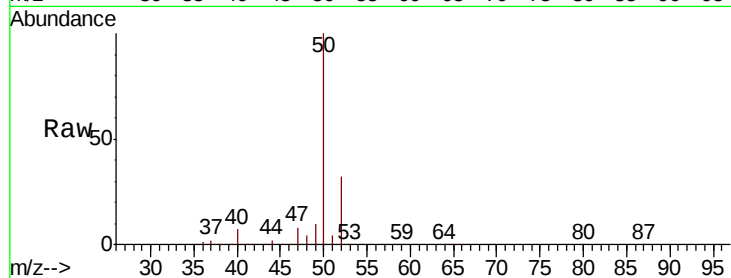
VSTDCCC050

Tot Ion: 50 Resp: 179525

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

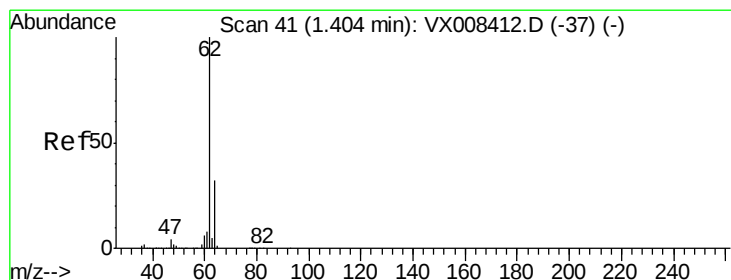
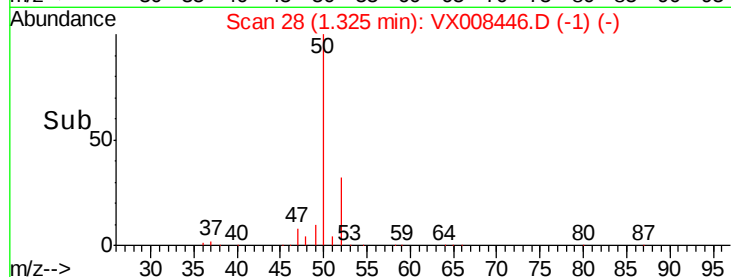
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.628 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008446.D

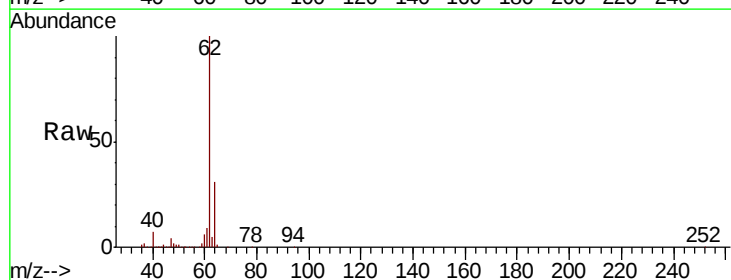
Acq: 26 Mar 2019 09:57

Tgt Ion: 62 Resp: 196265

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

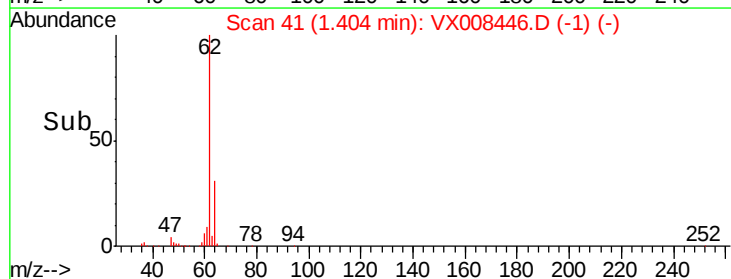
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.383 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

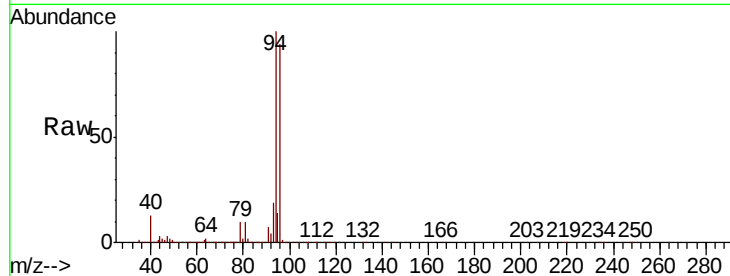
VSTDCCC050

Tot Ion: 94 Resp: 86460

Ion Ratio Lower Upper

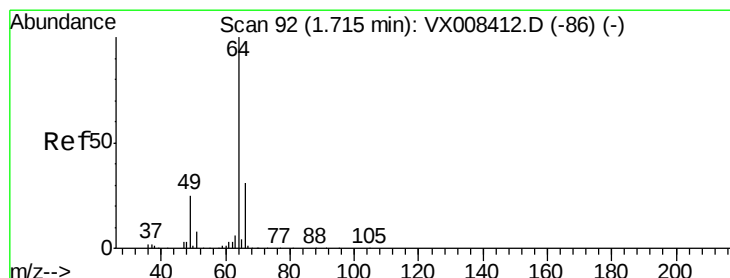
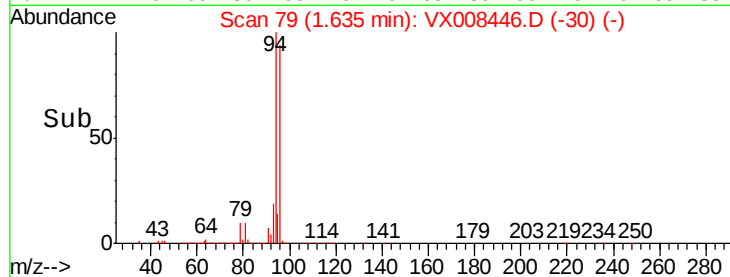
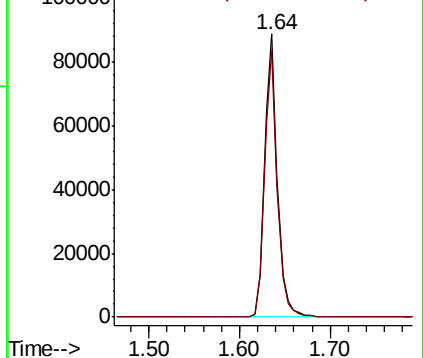
94 100

96 94.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.736 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008446.D

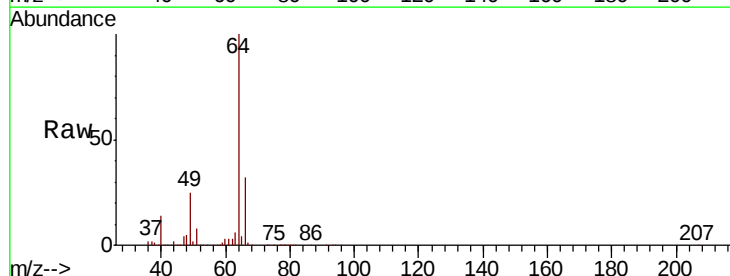
Acq: 26 Mar 2019 09:57

Tgt Ion: 64 Resp: 118717

Ion Ratio Lower Upper

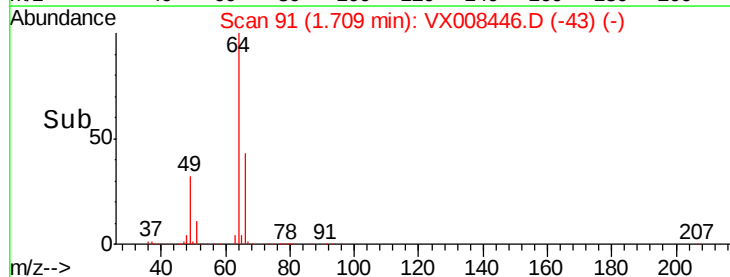
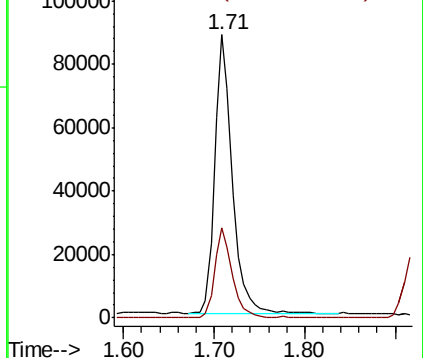
64 100

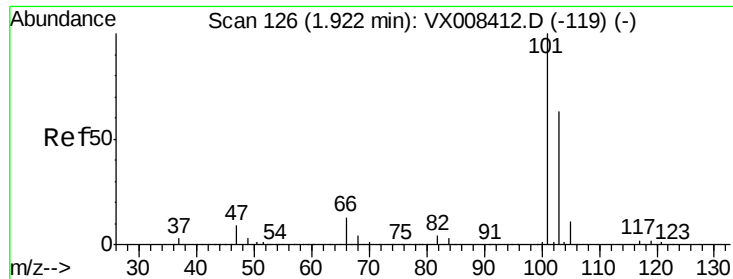
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



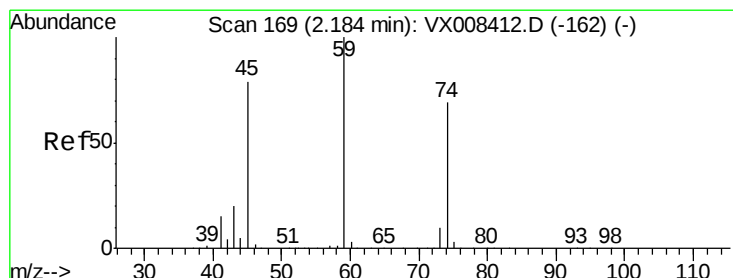
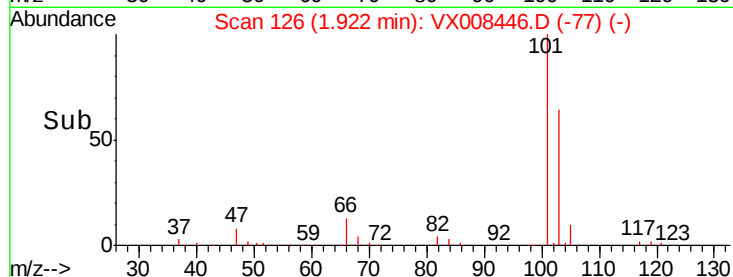
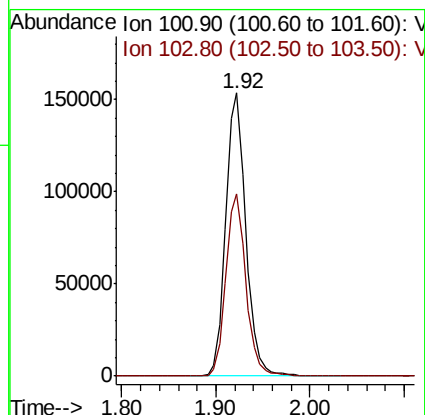
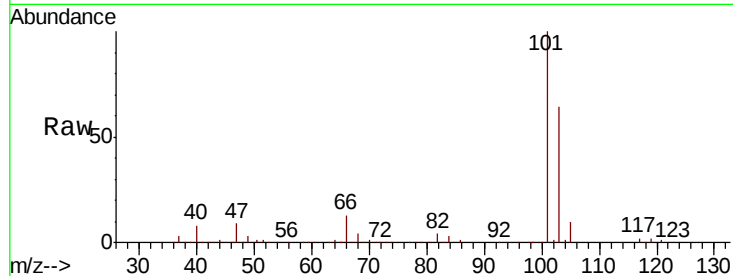


#7

Trichlorofluoromethane
 Concen: 53.759 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
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 ClientSampleId :
 VSTDCCC050

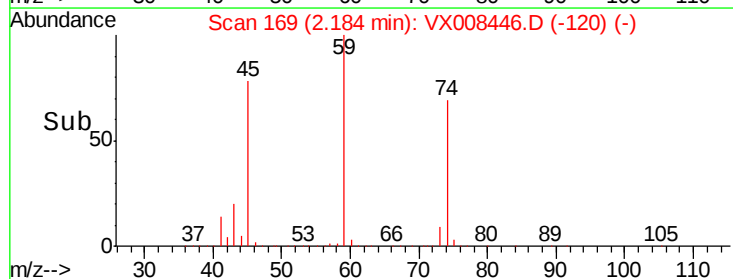
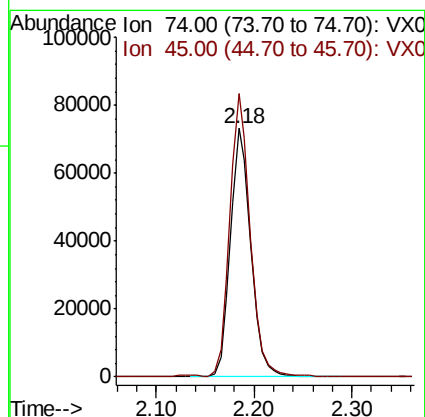
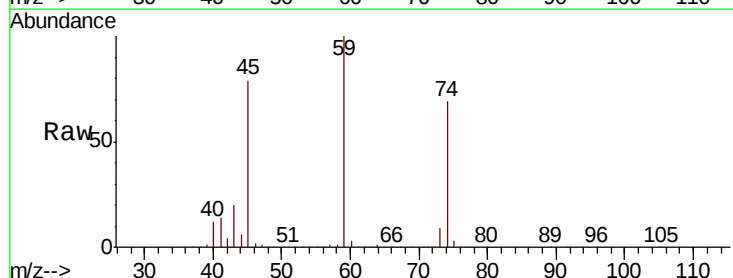
Tot Ion:101 Resp: 227062
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.2 75.4

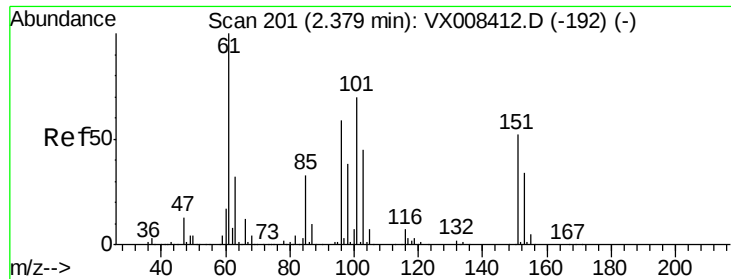


#8

Diethyl Ether
 Concen: 53.191 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 74 Resp: 106321
 Ion Ratio Lower Upper
 74 100
 45 112.6 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.766 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

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VSTDCCC050

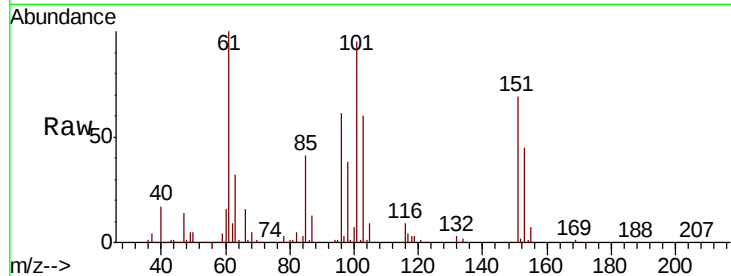
Tot Ion:101 Resp: 142347

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

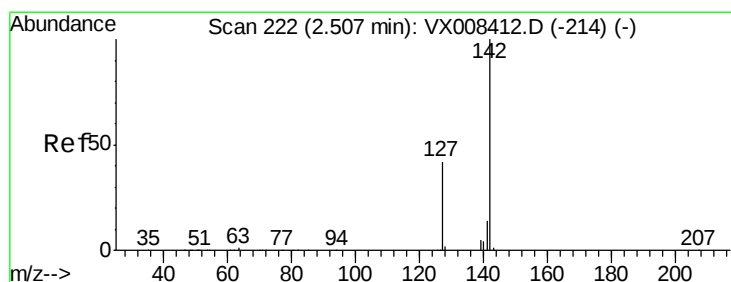
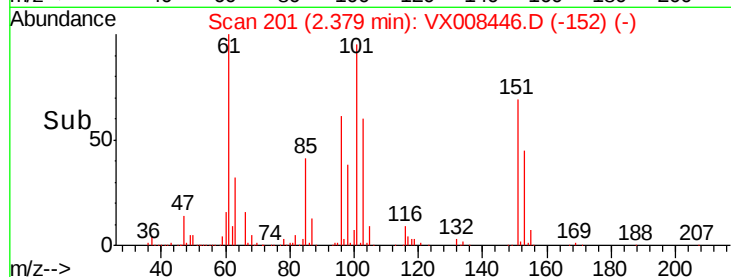
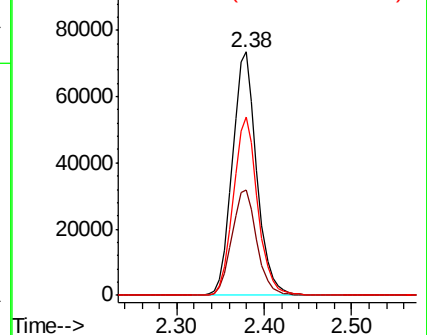
151 73.1 59.2 88.8



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: 45.719 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

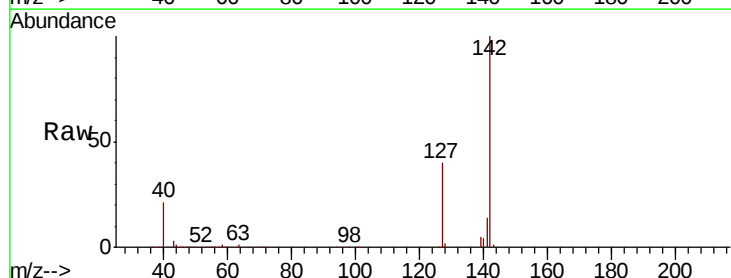
Tgt Ion:142 Resp: 112594

Ion Ratio Lower Upper

142 100

127 41.7 33.6 50.4

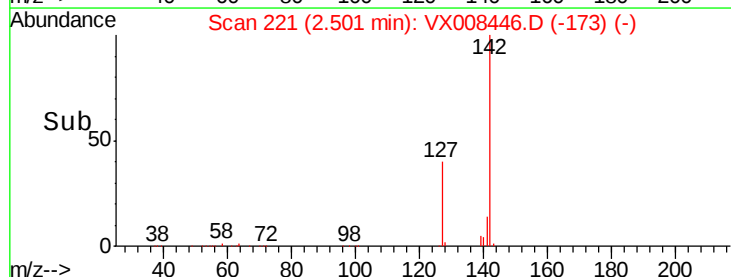
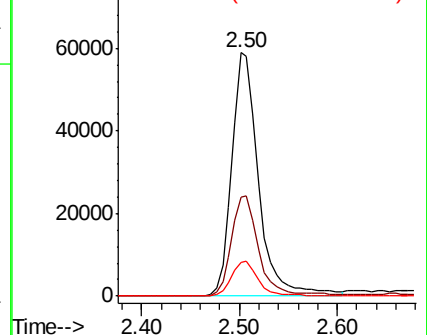
141 14.3 11.3 16.9

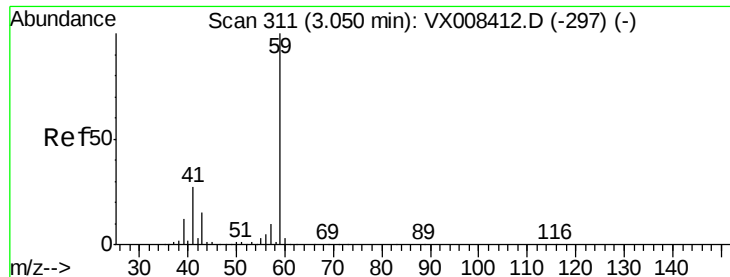


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

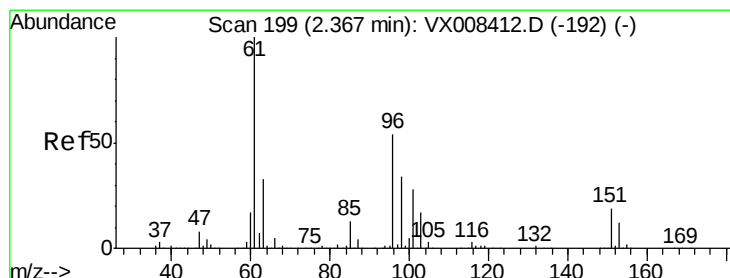
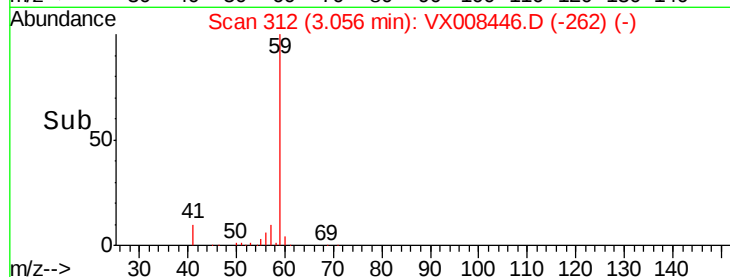
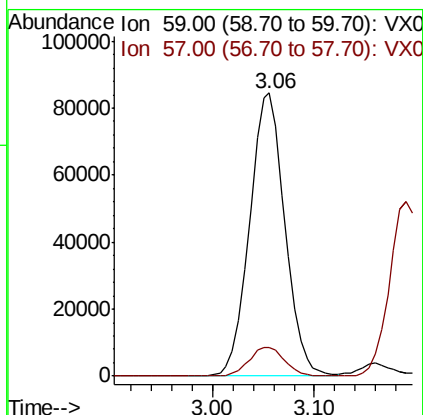
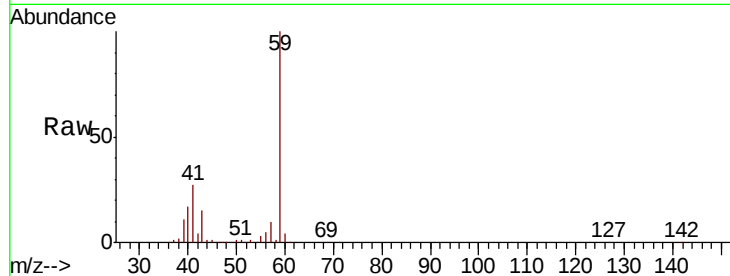




#11
Tert butyl alcohol
Concen: 266.922 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

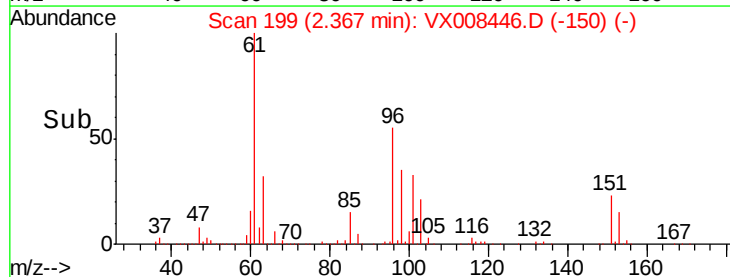
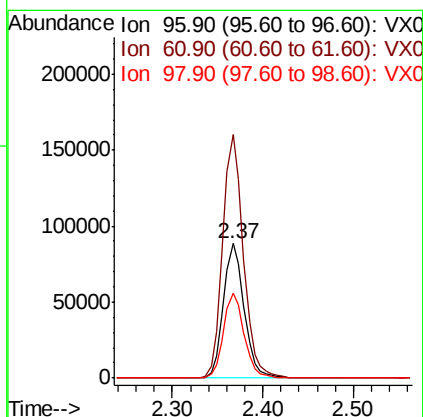
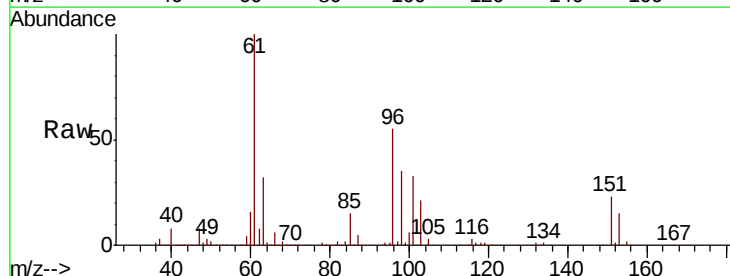
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

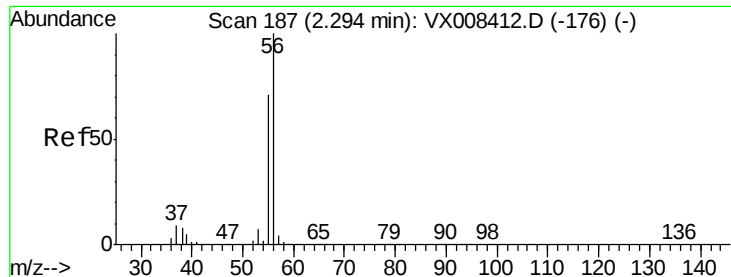
Tot Ion: 59 Resp: 203155
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.365 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 96 Resp: 140681
Ion Ratio Lower Upper
96 100
61 181.3 146.9 220.3
98 63.6 50.1 75.1





#13

Acrolein

Concen: 372.790 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

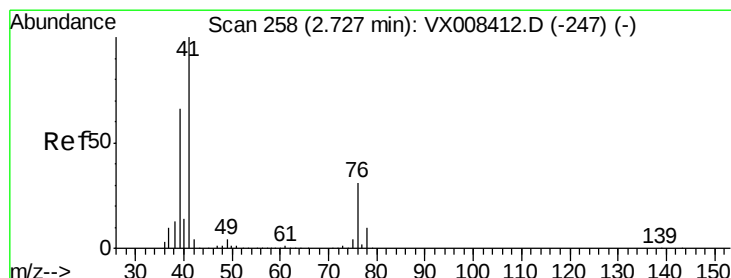
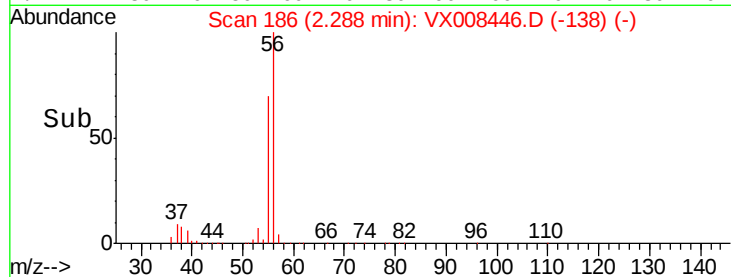
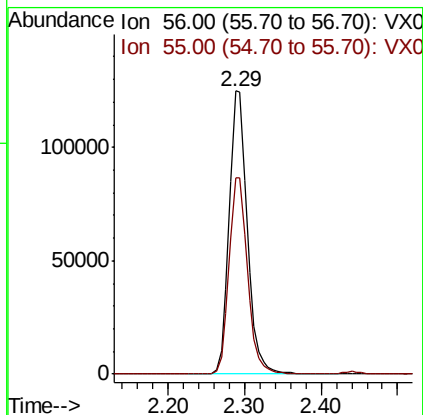
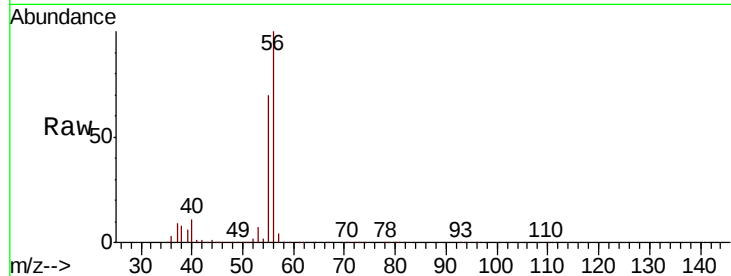
VSTDCCC050

Tot Ion: 56 Resp: 206044

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 53.615 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

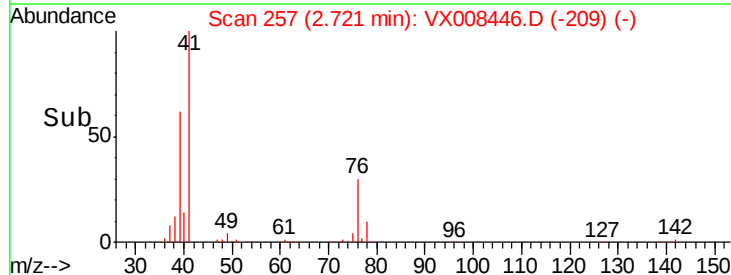
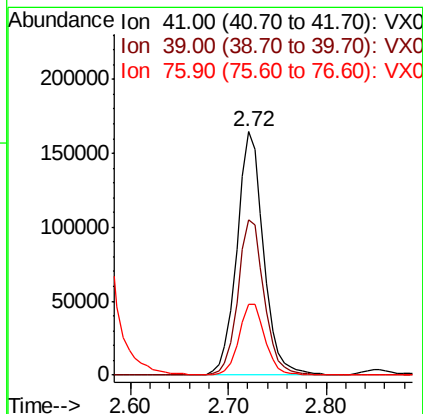
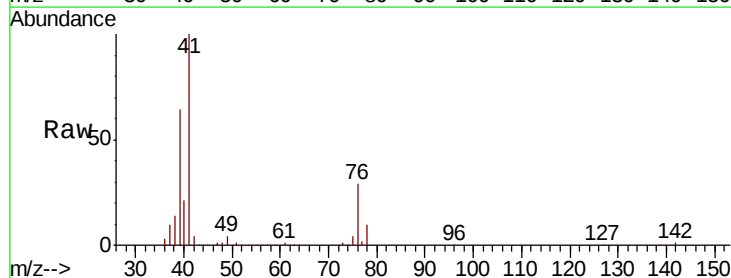
Tgt Ion: 41 Resp: 311381

Ion Ratio Lower Upper

41 100

39 63.0 49.6 74.4

76 28.3 22.6 34.0





#15

Acrylonitrile

Concen: 256.832 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

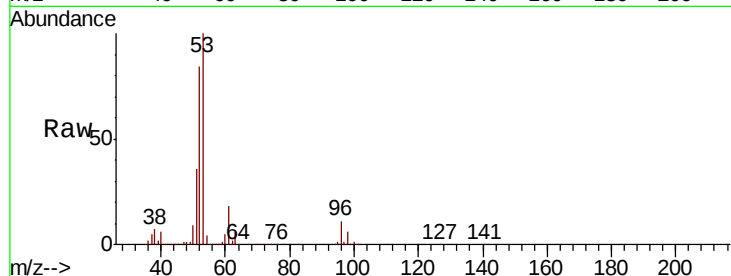
Tot Ion: 53 Resp: 512571

Ion Ratio Lower Upper

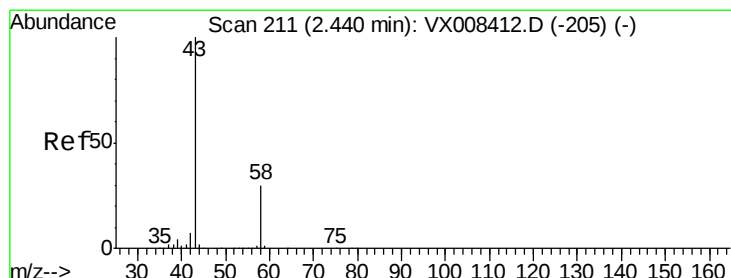
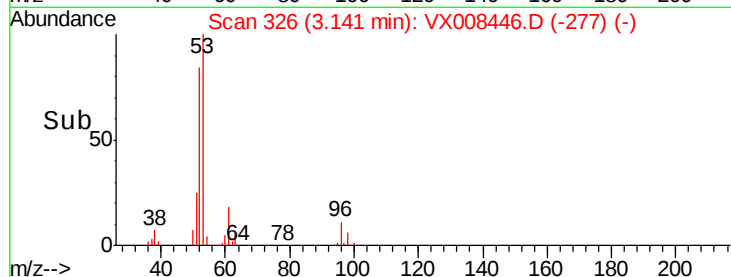
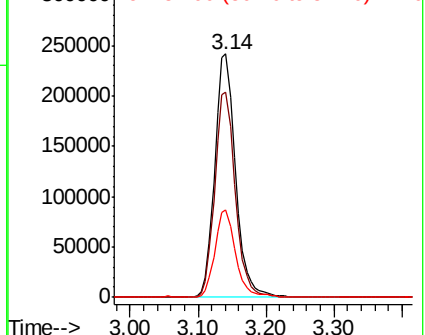
53 100

52 83.4 66.5 99.7

51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 301.309 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008446.D

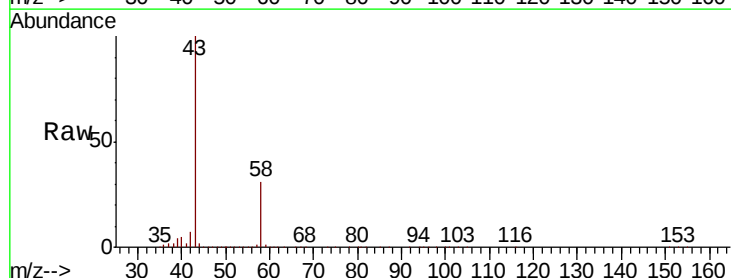
Acq: 26 Mar 2019 09:57

Tgt Ion: 43 Resp: 540984

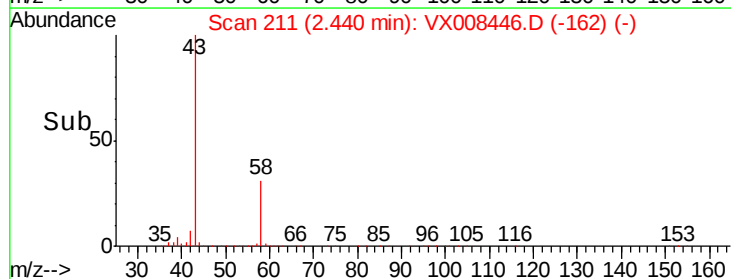
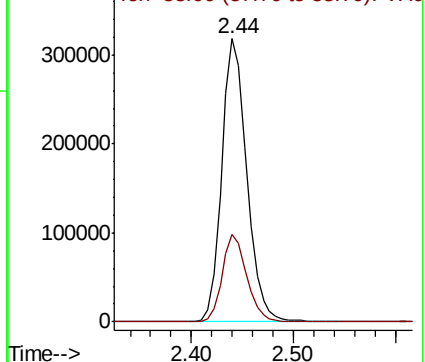
Ion Ratio Lower Upper

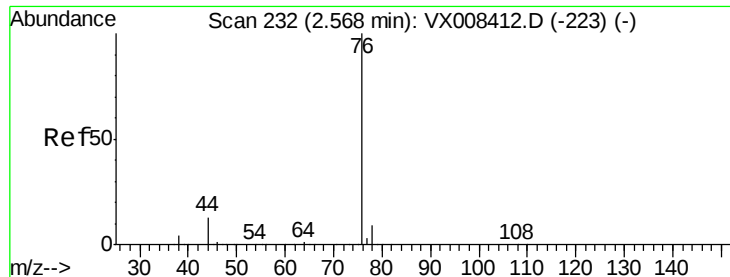
43 100

58 30.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 55.931 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

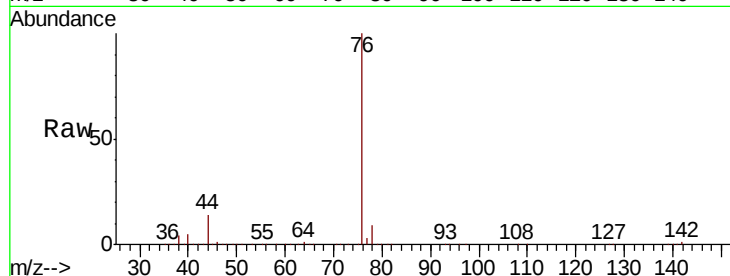
VSTDCCC050

Tot Ion: 76 Resp: 422693

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

250000

200000

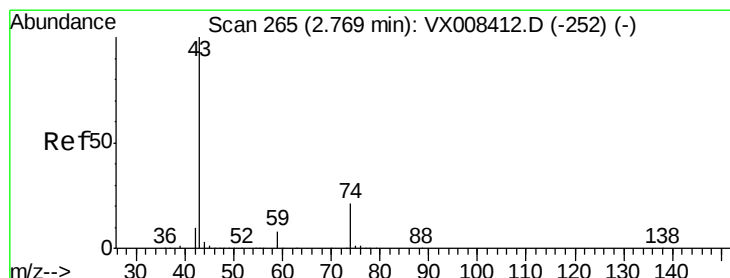
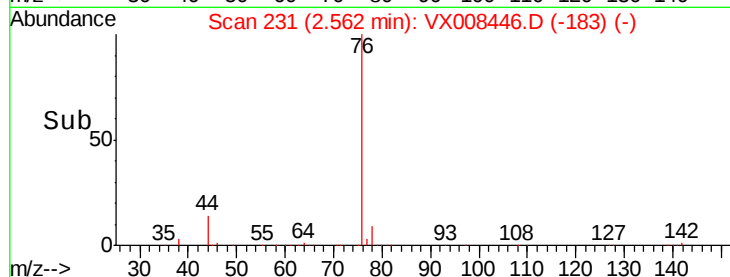
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.018 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008446.D

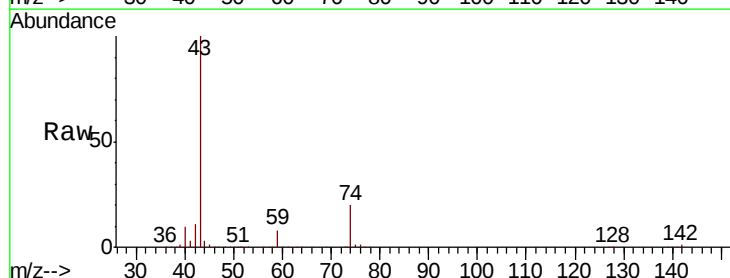
Acq: 26 Mar 2019 09:57

Tgt Ion: 43 Resp: 219998

Ion Ratio Lower Upper

43 100

74 20.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

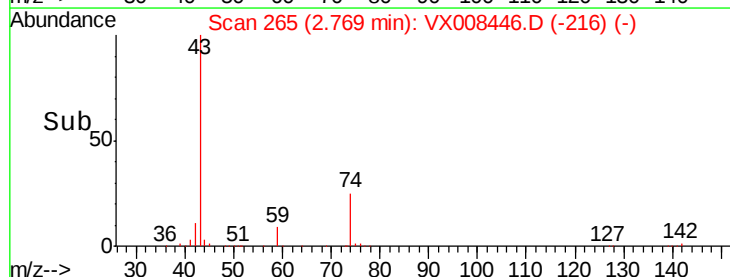
2.77

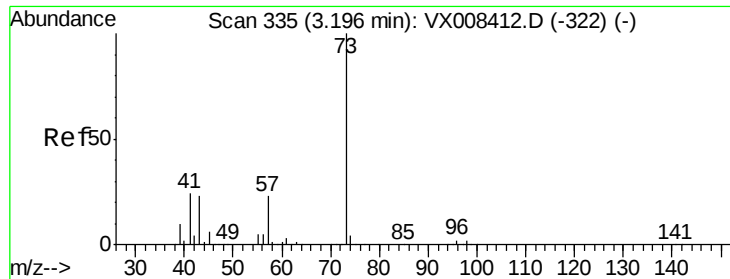
100000

50000

0

Time-->



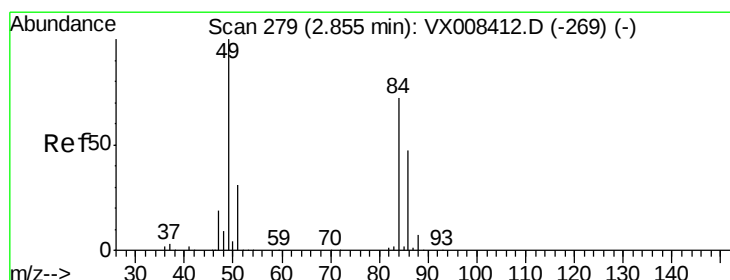
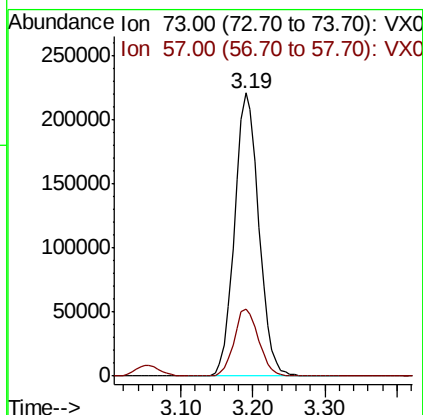
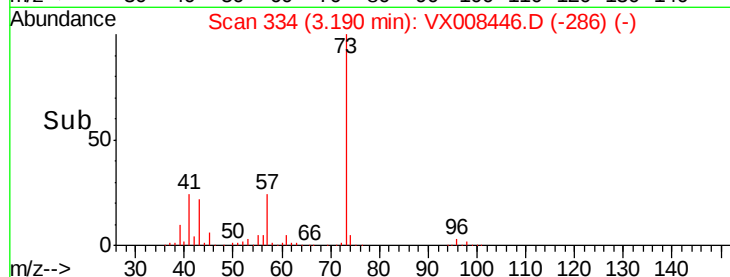
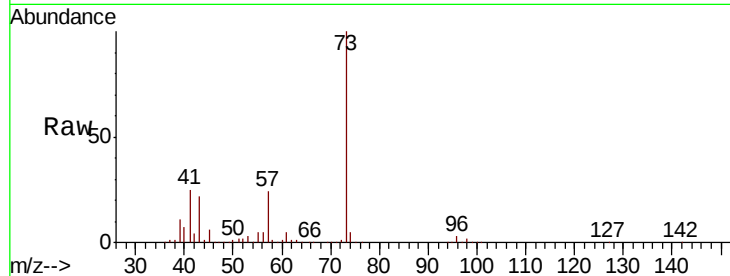


#19

Methyl tert-butyl Ether
 Concen: 54.278 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

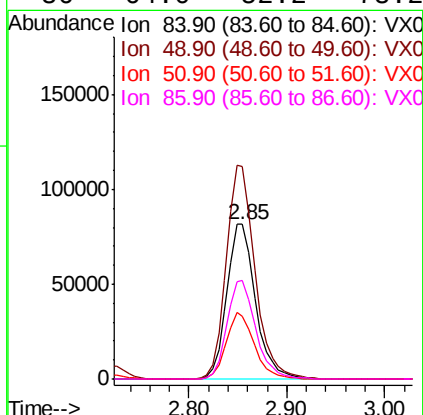
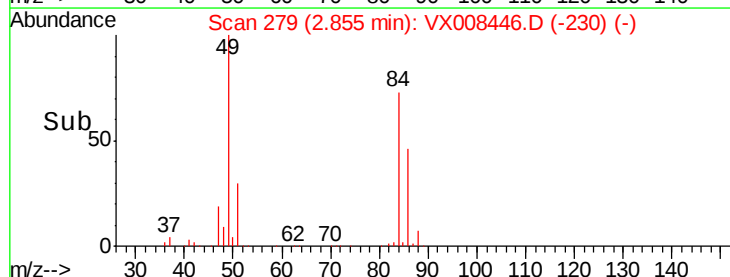
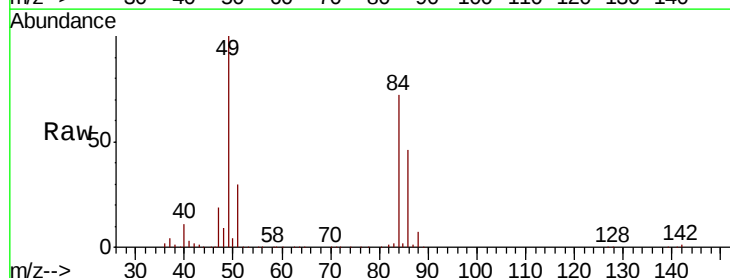
Tot Ion: 73 Resp: 515621
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.6 28.0

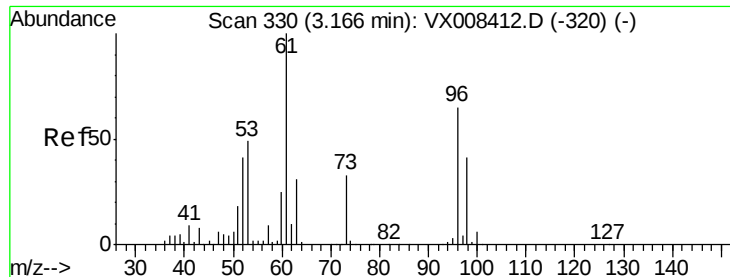


#20

Methylene Chloride
 Concen: 56.597 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 84 Resp: 165599
 Ion Ratio Lower Upper
 84 100
 49 137.9 110.6 165.8
 51 40.8 33.9 50.9
 86 64.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 56.477 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

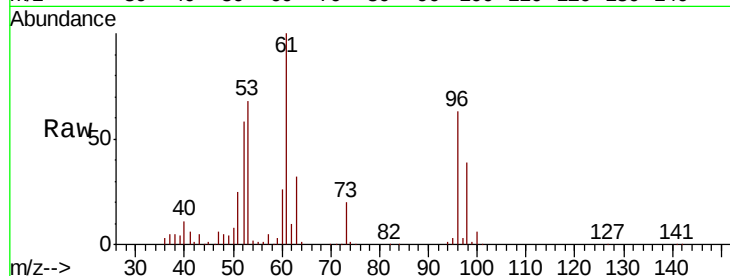
Tot Ion: 96 Resp: 148261

Ion Ratio Lower Upper

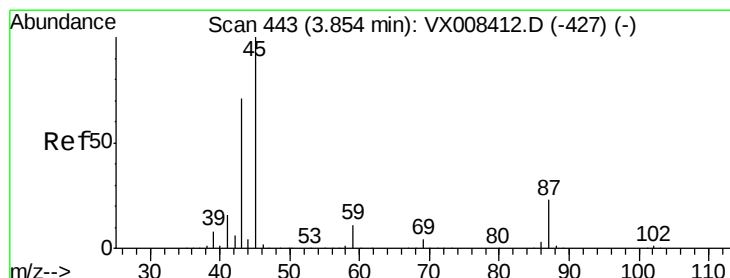
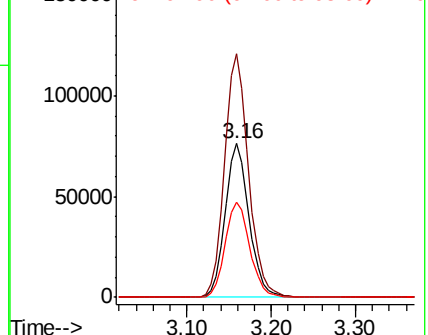
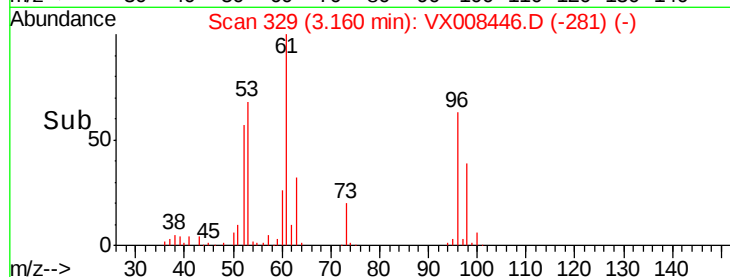
96 100

61 158.2 122.6 184.0

98 61.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.125 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion: 45 Resp: 618957

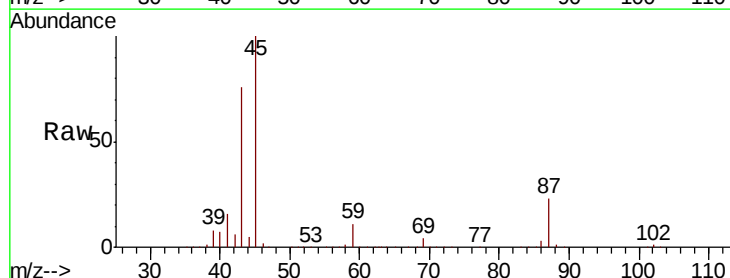
Ion Ratio Lower Upper

45 100

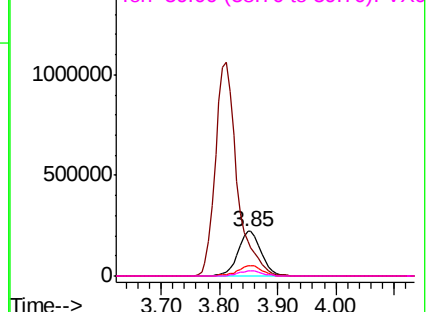
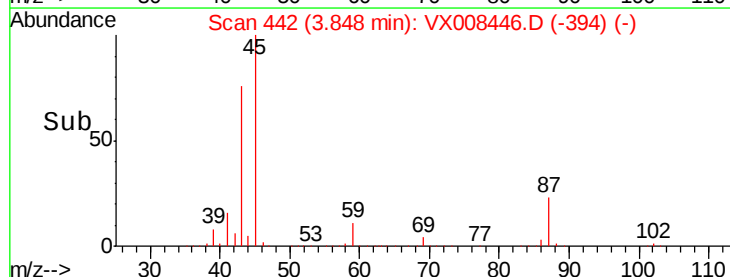
43 76.0 57.1 85.7

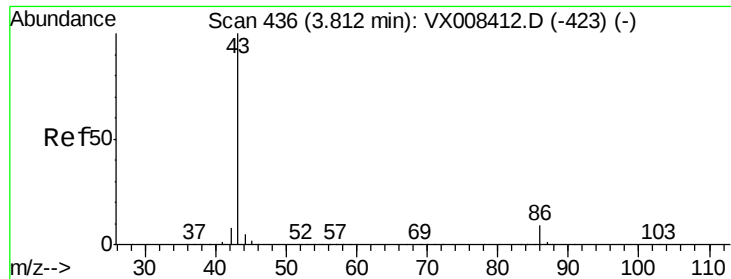
87 22.7 18.8 28.2

59 10.6 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 274.599 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

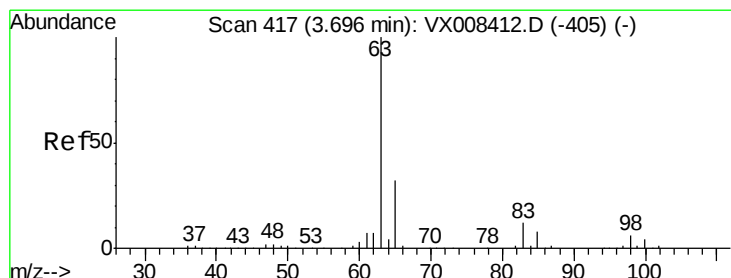
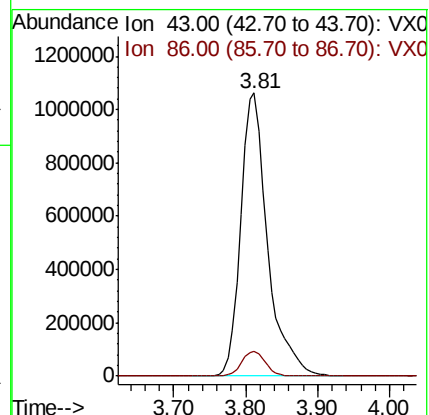
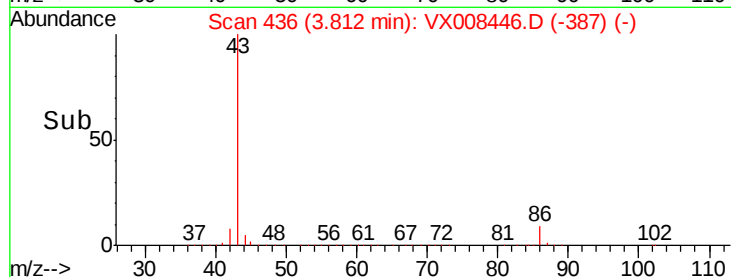
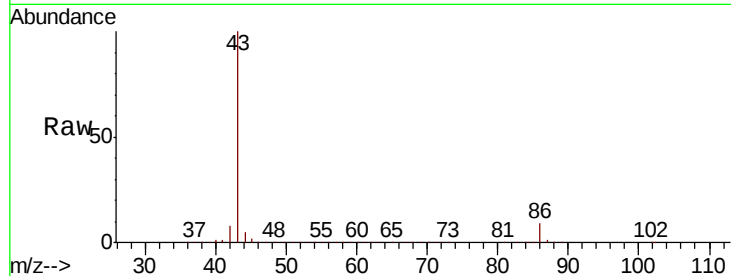
VSTDCCC050

Tot Ion: 43 Resp: 2739684

Ion Ratio Lower Upper

43 100

86 8.9 6.9 10.3



#24

1,1-Dichloroethane

Concen: 53.856 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

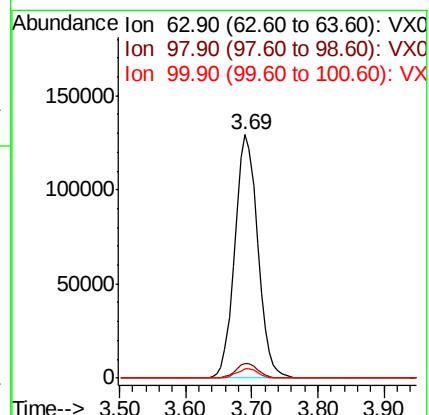
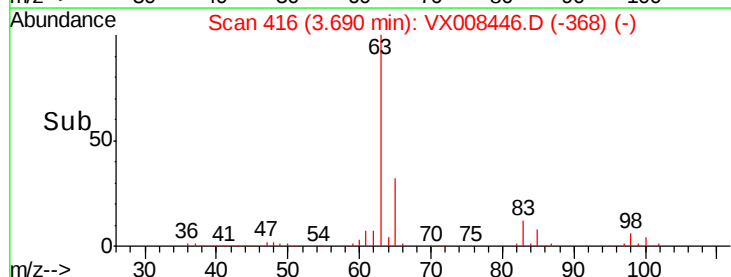
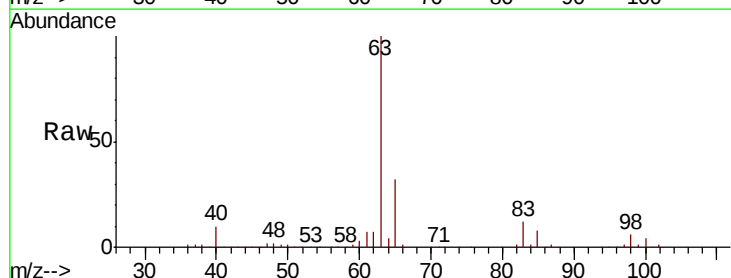
Tgt Ion: 63 Resp: 310934

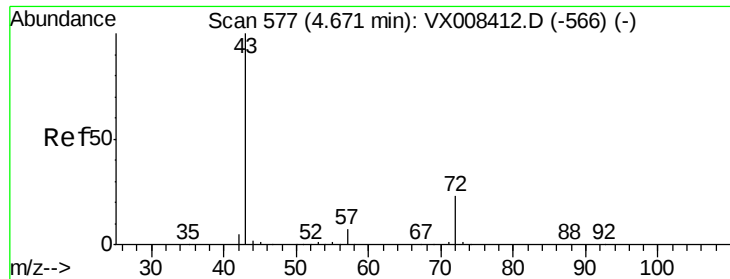
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 277.064 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

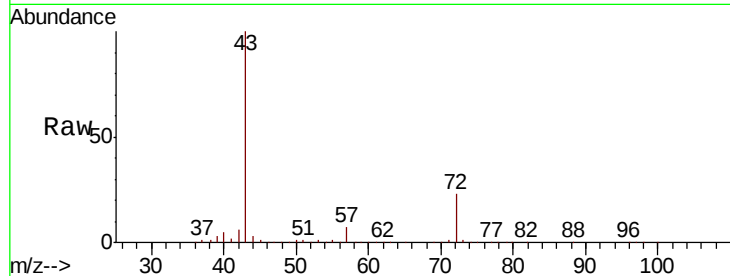
VSTDCCC050

Tot Ion: 43 Resp: 797507

Ion Ratio Lower Upper

43 100

72 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

300000

250000

200000

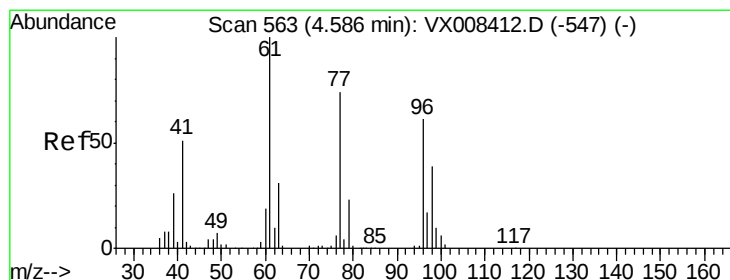
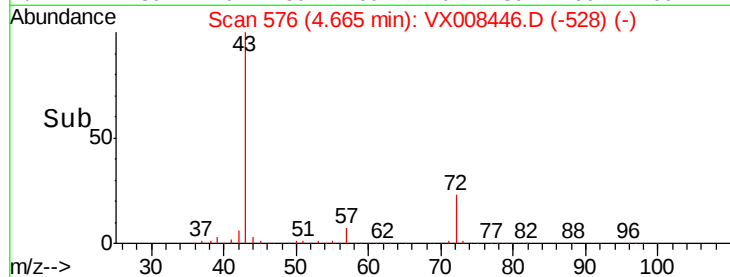
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 56.561 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008446.D

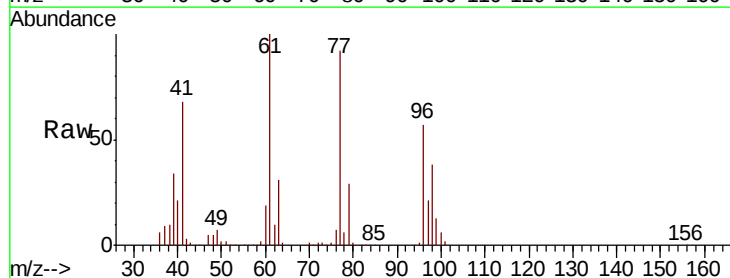
Acq: 26 Mar 2019 09:57

Tgt Ion: 77 Resp: 217195

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

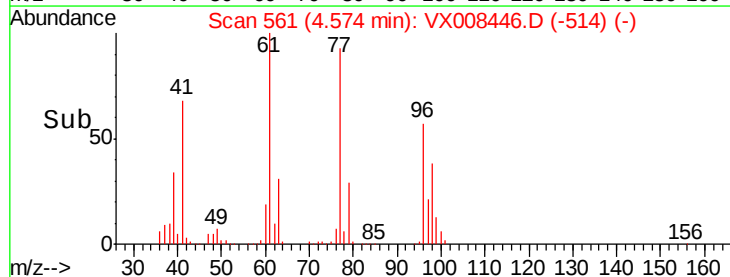
60000

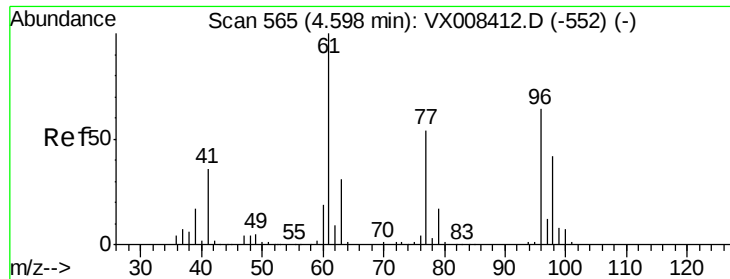
40000

20000

0

Time-->



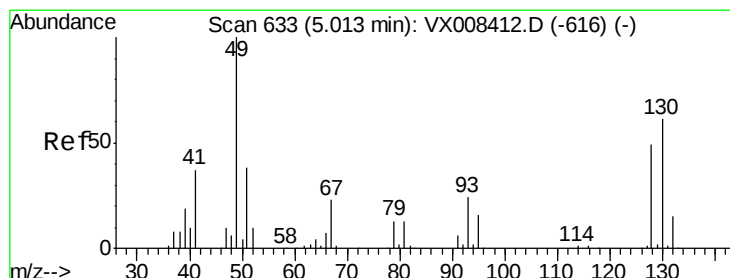
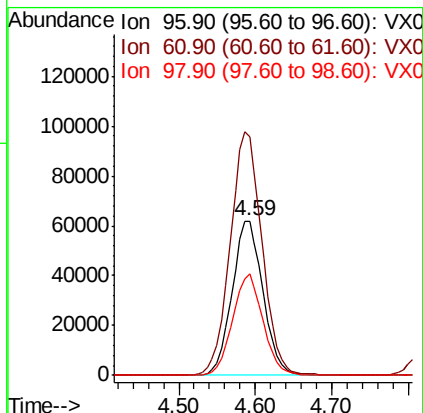
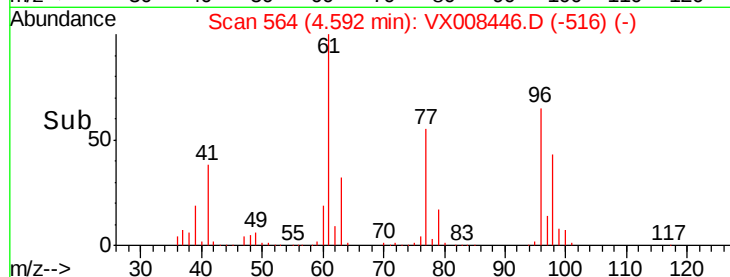
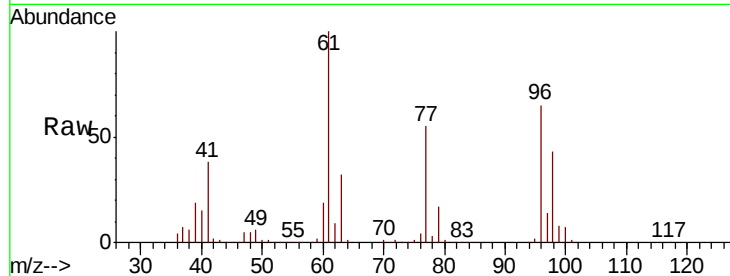


#27

cis-1,2-Dichloroethene
Concen: 53.687 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

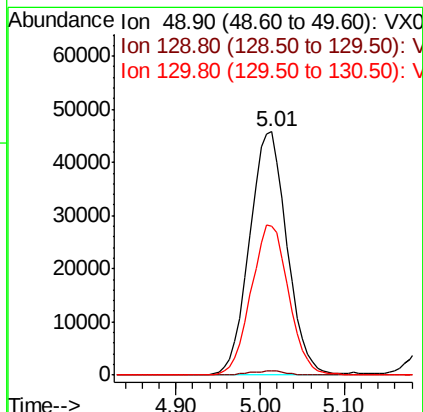
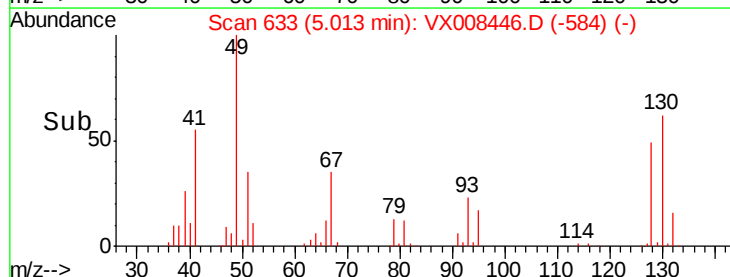
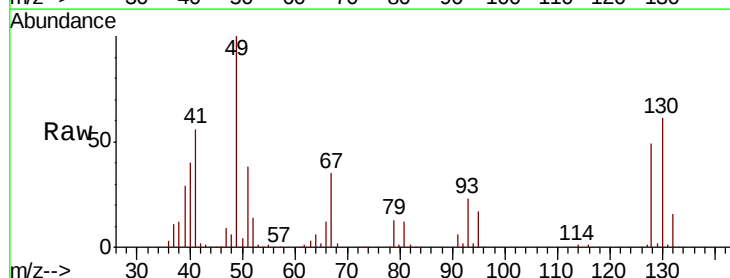
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	325.6
98	64.6	0.0	130.0

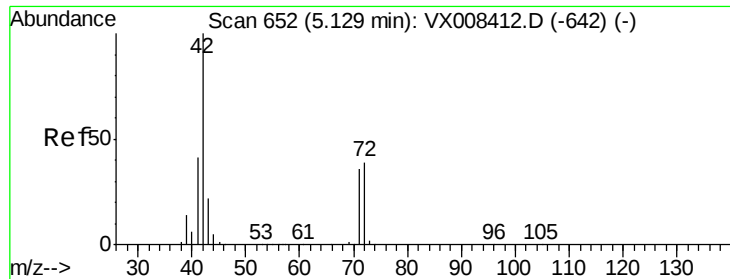


#28

Bromochloromethane
Concen: 48.759 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.0	49.8	74.6

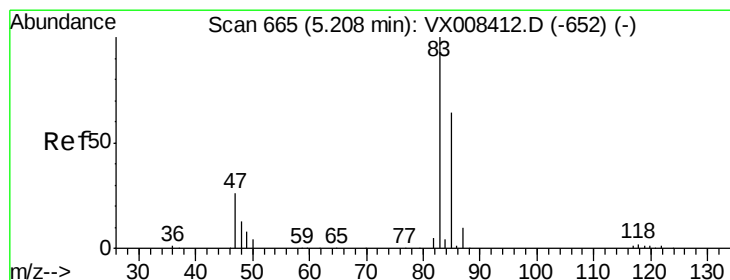
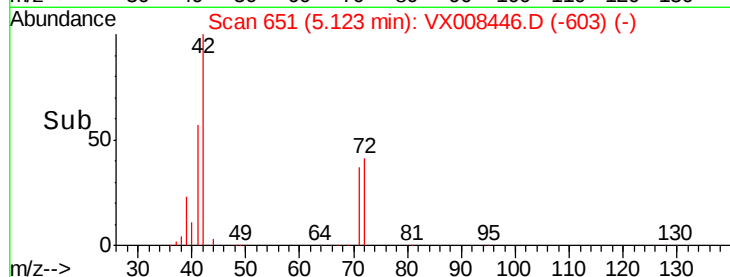
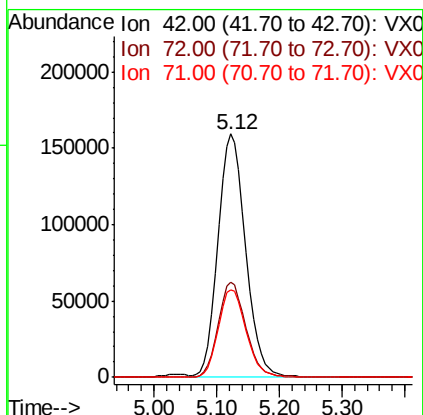
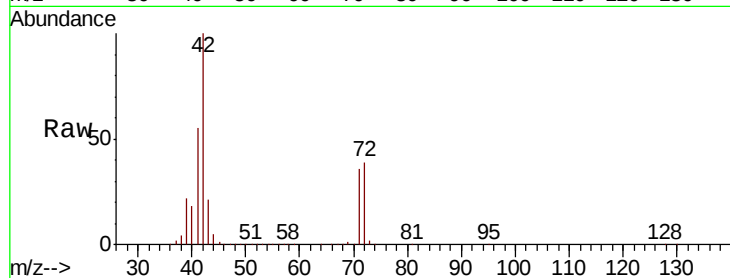




#29
Tetrahydrofuran
Concen: 255.877 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

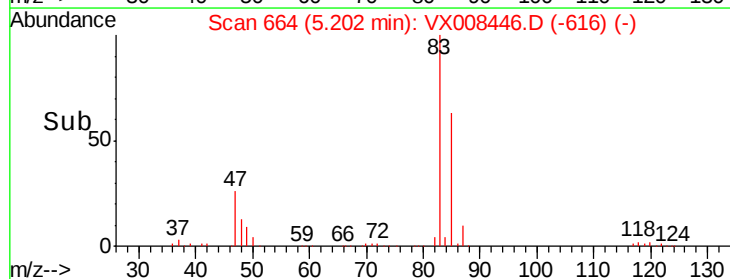
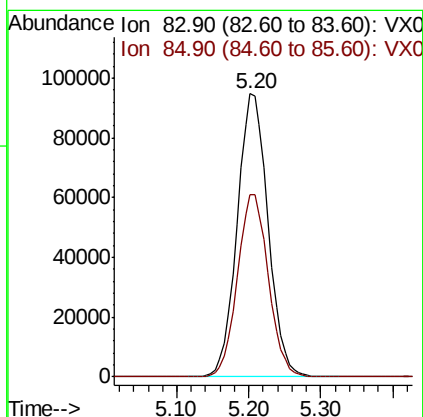
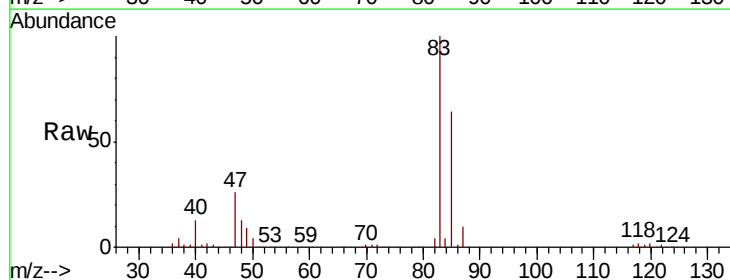
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

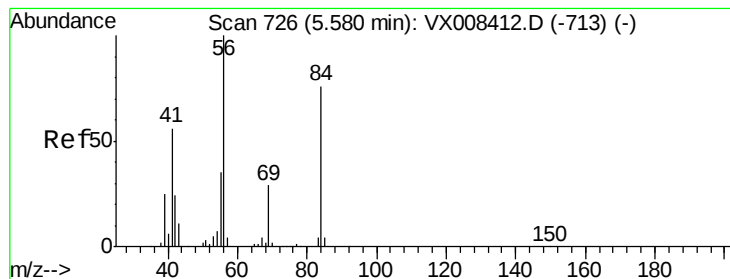
Tot Ion: 42 Resp: 485420
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.2
71 36.5 29.4 44.2



#30
Chloroform
Concen: 54.107 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 83 Resp: 281912
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2





#31

Cyclohexane

Concen: 54.519 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

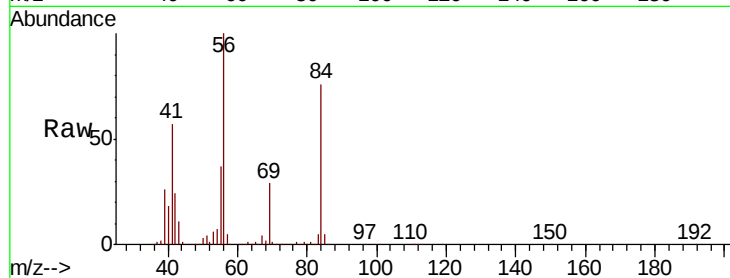
Tot Ion: 56 Resp: 300200

Ion Ratio Lower Upper

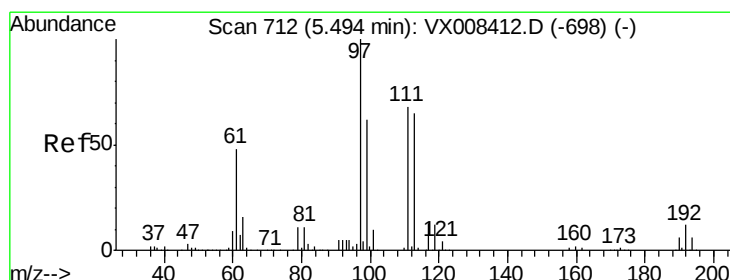
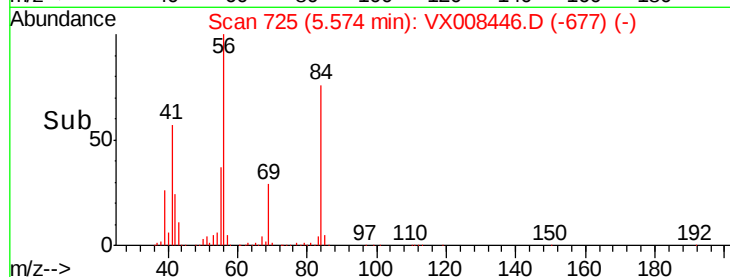
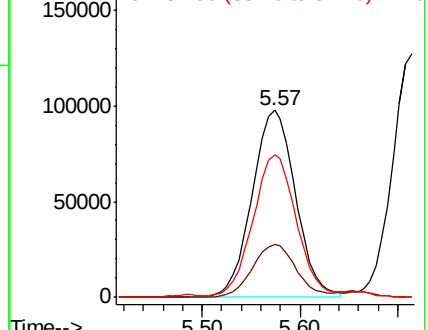
56 100

69 28.5 23.2 34.8

84 74.6 60.7 91.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.355 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

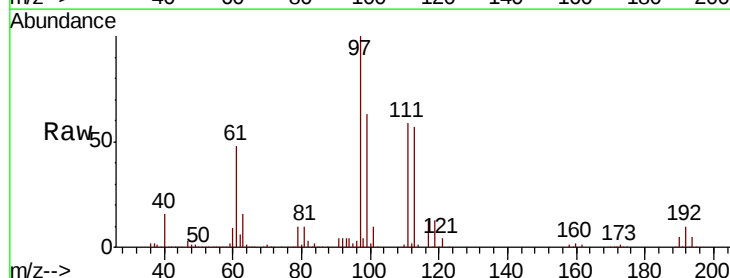
Tgt Ion: 97 Resp: 230539

Ion Ratio Lower Upper

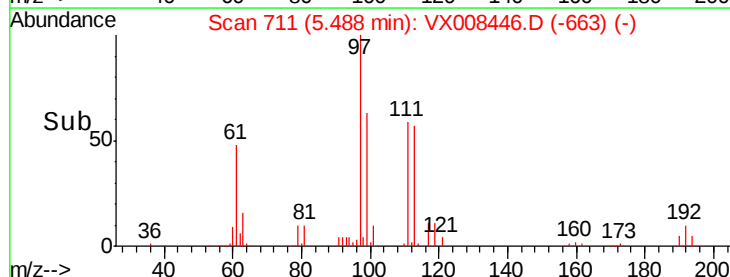
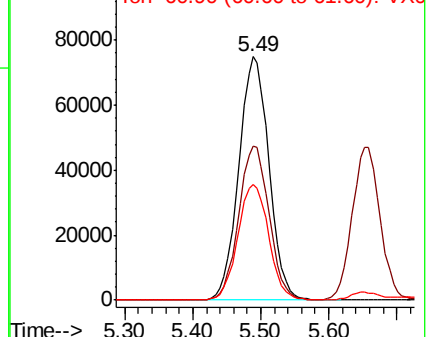
97 100

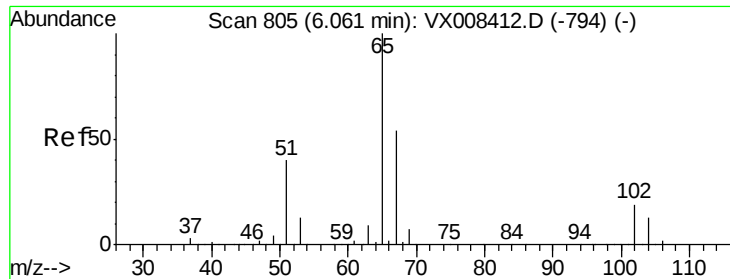
99 63.7 51.5 77.3

61 48.8 38.8 58.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

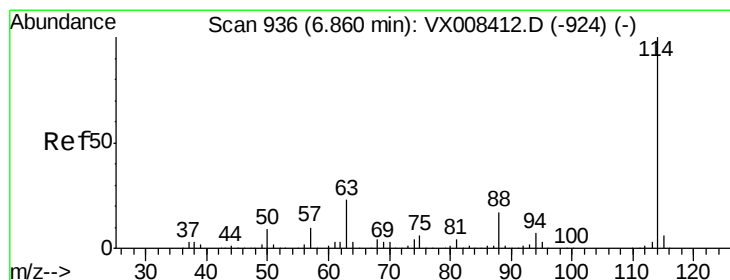
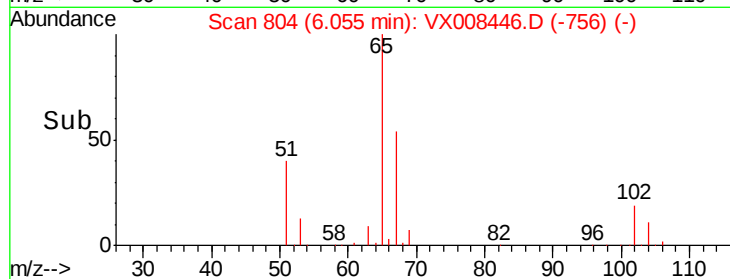
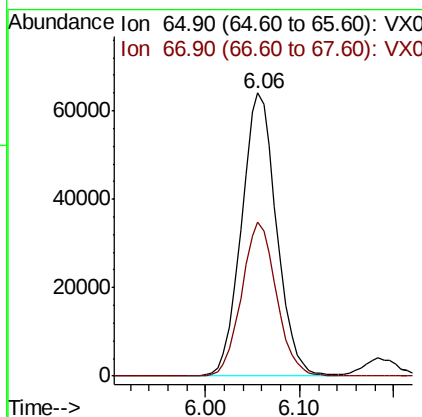
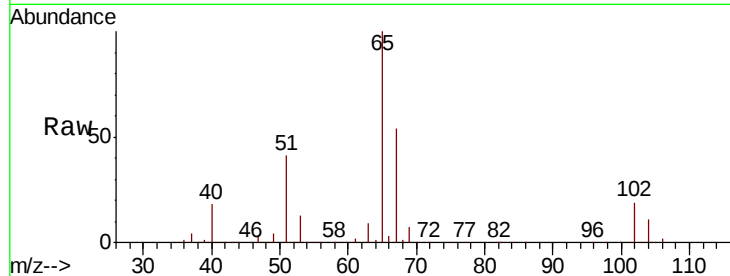




#33
 1,2-Dichloroethane-d4
 Concen: 48.468 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

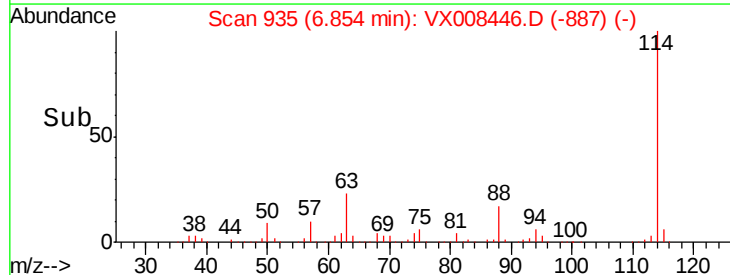
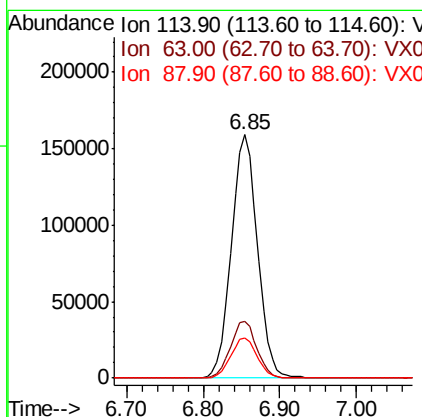
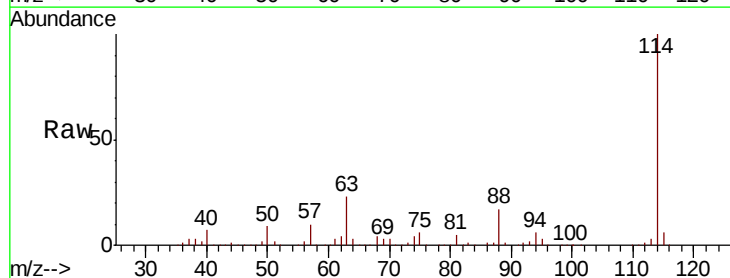
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

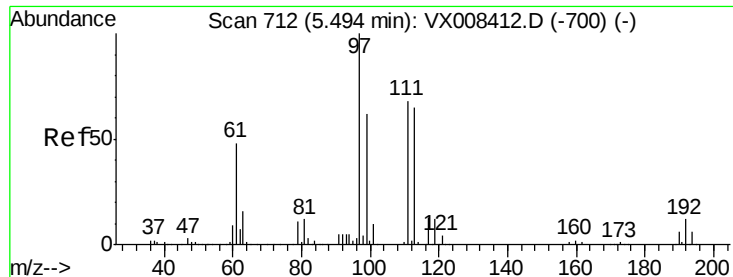
Tot Ion: 65 Resp: 166498
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 114 Resp: 375361
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.6 0.0 33.2

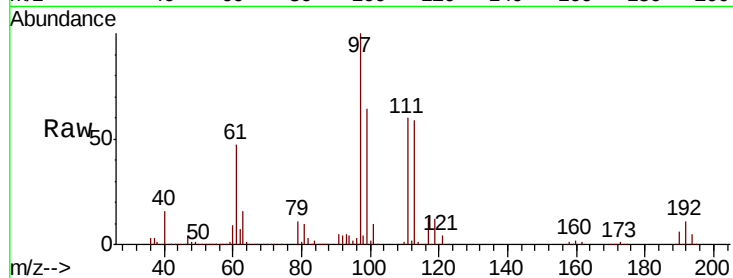




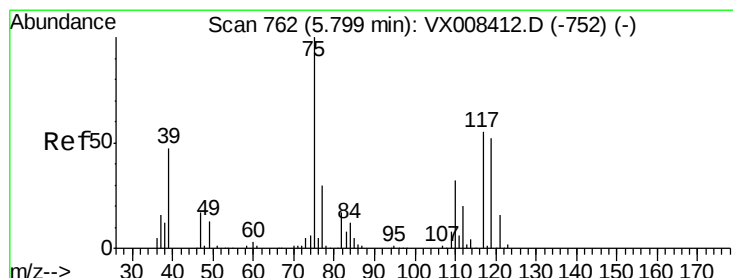
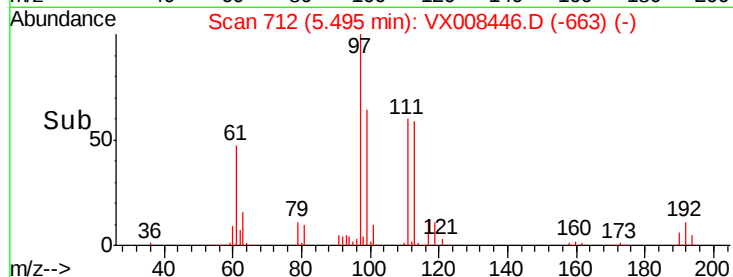
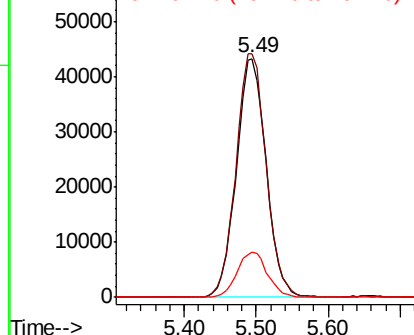
#35
 Dibromofluoromethane
 Concen: 50.902 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 124585
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.4
 192 19.4 15.6 23.4

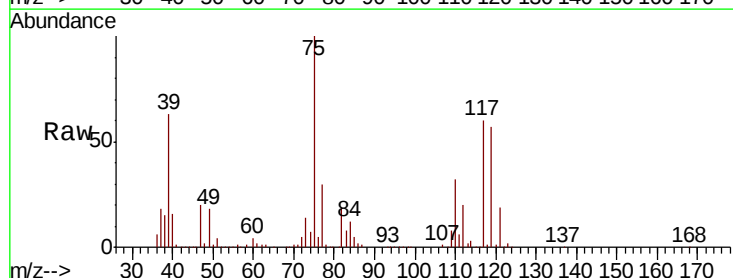


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

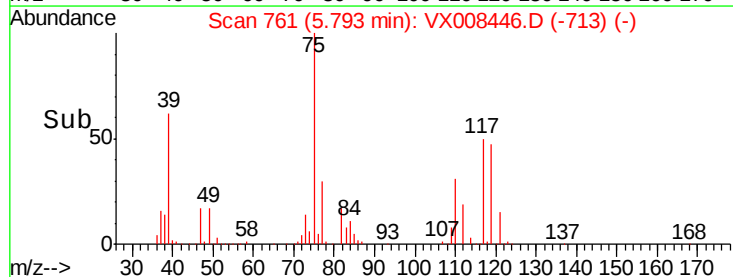
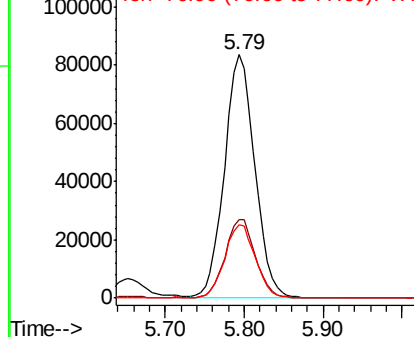


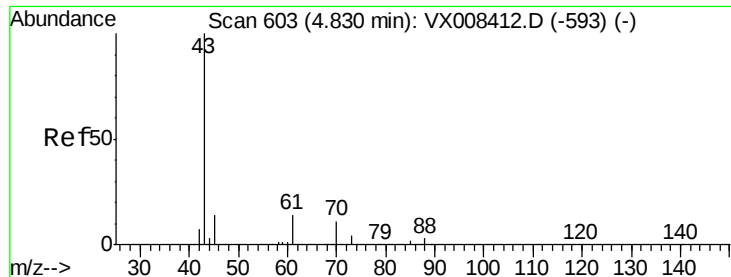
#36
 1,1-Dichloropropene
 Concen: 55.754 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 75 Resp: 223138
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.6 49.7
 77 30.5 24.2 36.2



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

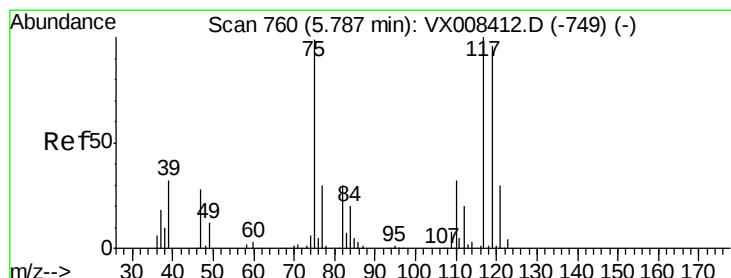
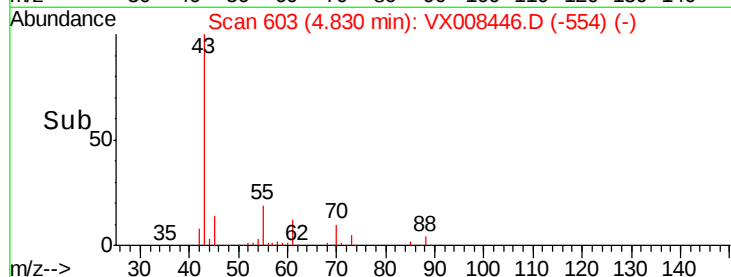
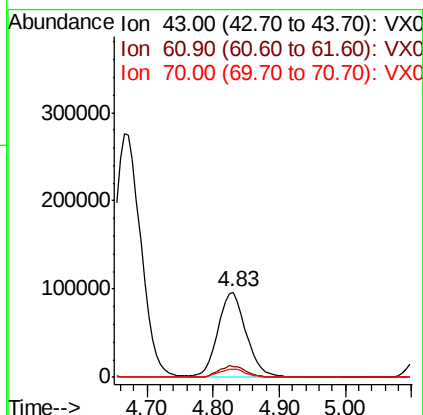
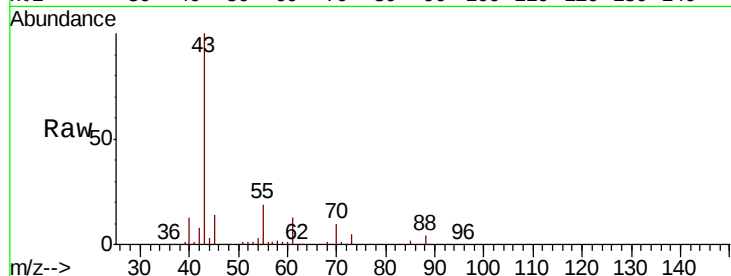




#37
Ethyl Acetate
Concen: 54.824 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

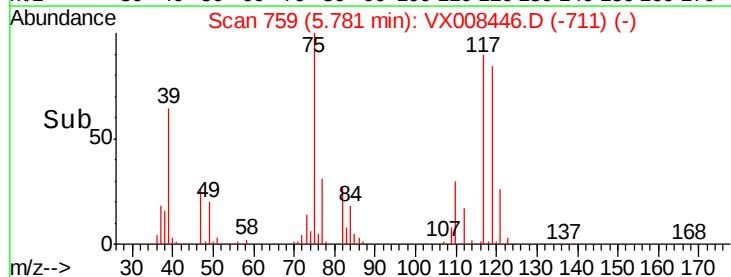
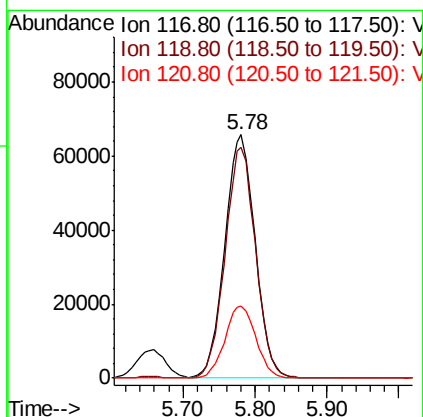
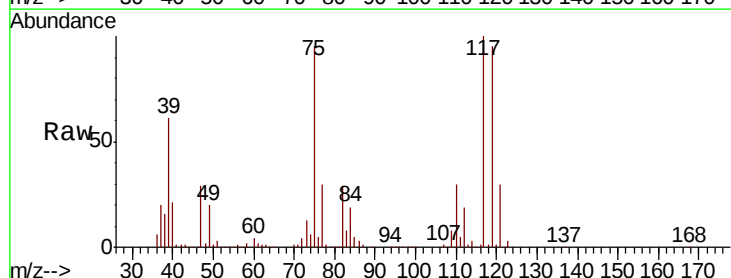
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

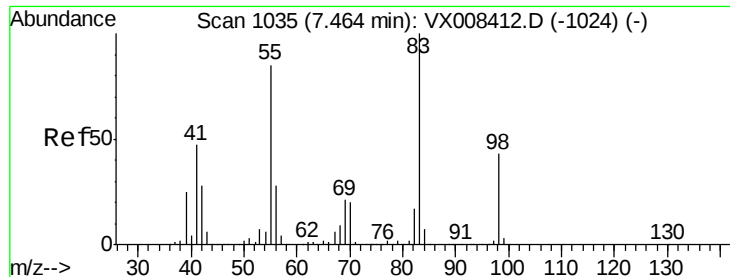
Tot Ion: 43 Resp: 284250
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 57.685 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 117 Resp: 192665
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 29.8 24.3 36.5

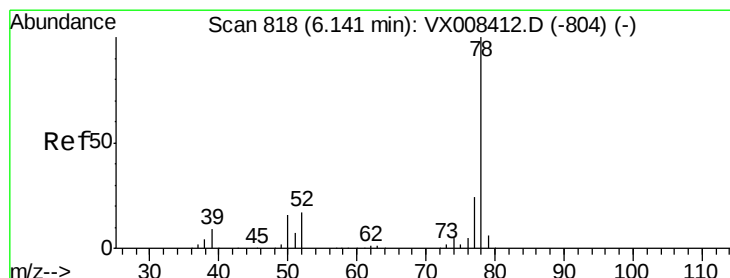
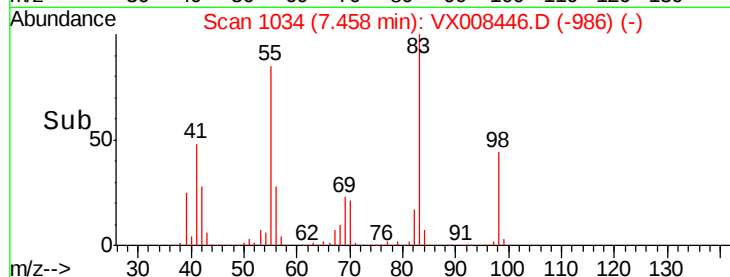
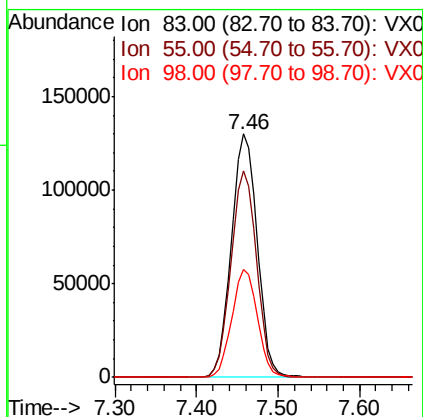
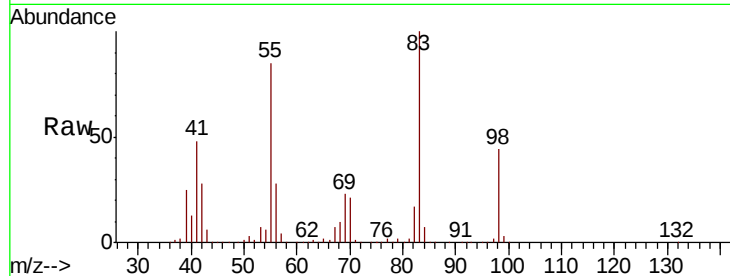




#39
Methvlcvclohexane
Concen: 59.222 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

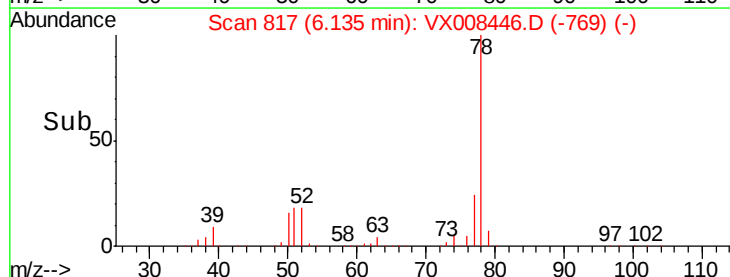
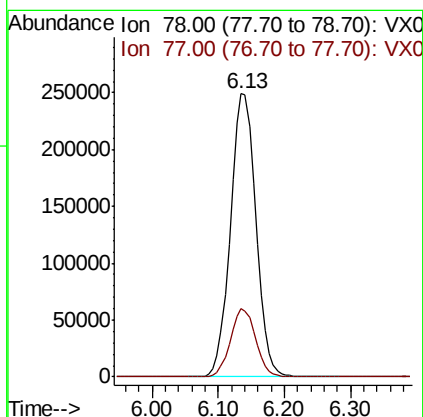
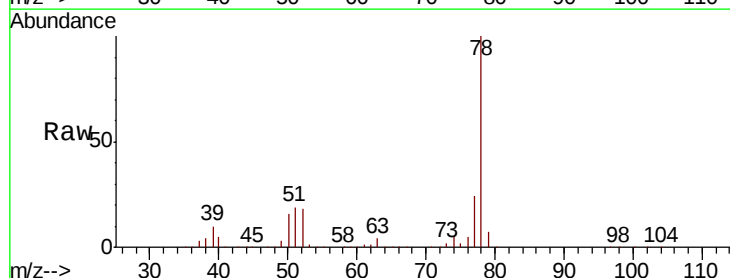
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

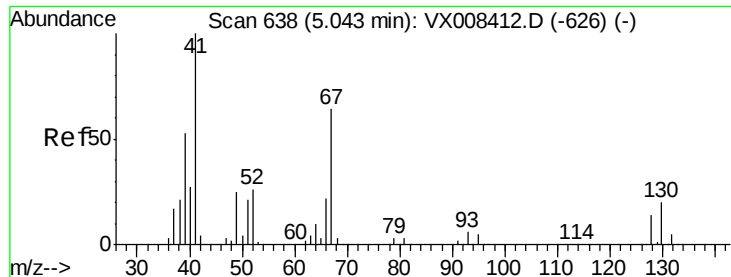
Tot Ion: 83 Resp: 283256
Ion Ratio Lower Upper
83 100
55 85.0 68.2 102.4
98 44.1 34.2 51.4



#40
Benzene
Concen: 55.537 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 78 Resp: 665417
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 55.654 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 162158

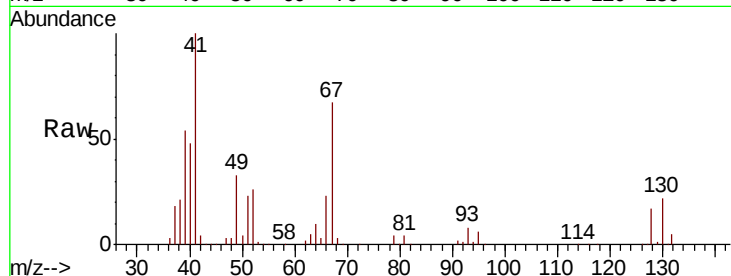
Ion Ratio Lower Upper

41 100

39 53.0 42.6 64.0

67 64.9 52.2 78.4

52 26.6 21.4 32.0

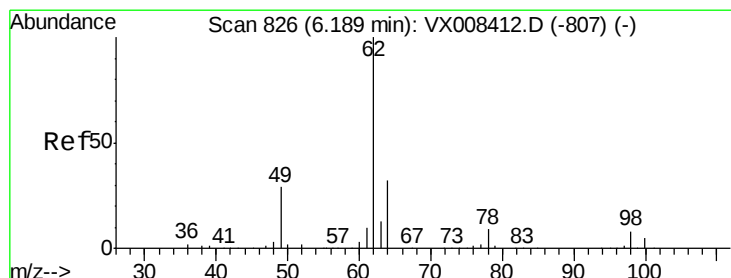
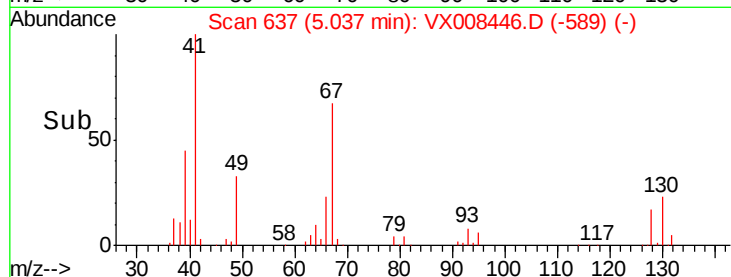
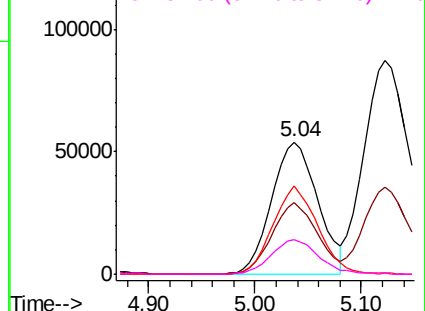


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.317 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX008446.D

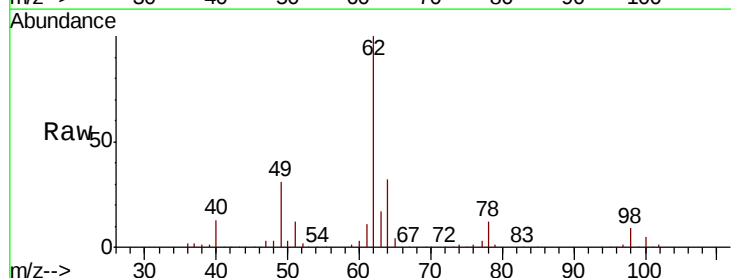
Acq: 26 Mar 2019 09:57

Tgt Ion: 62 Resp: 238280

Ion Ratio Lower Upper

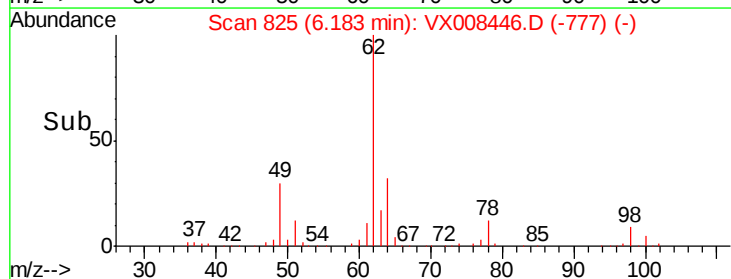
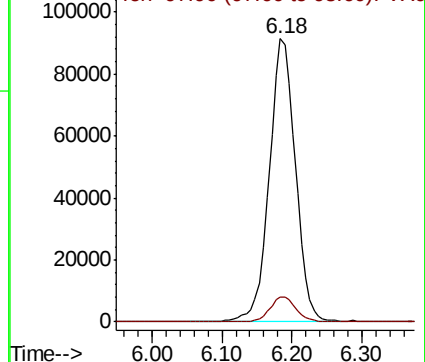
62 100

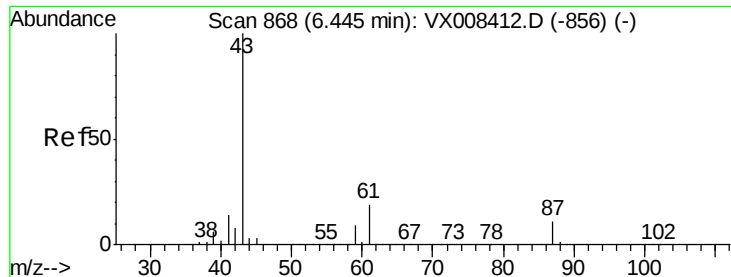
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



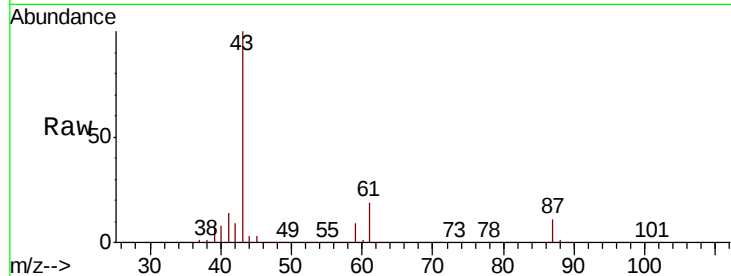


#43

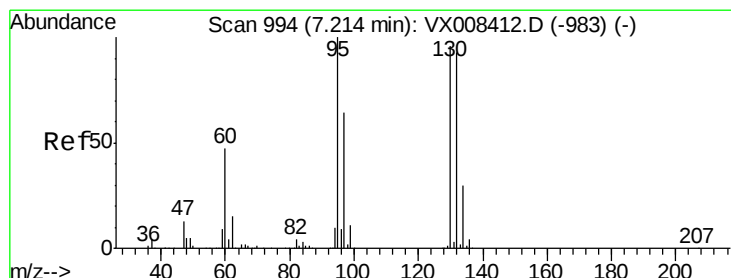
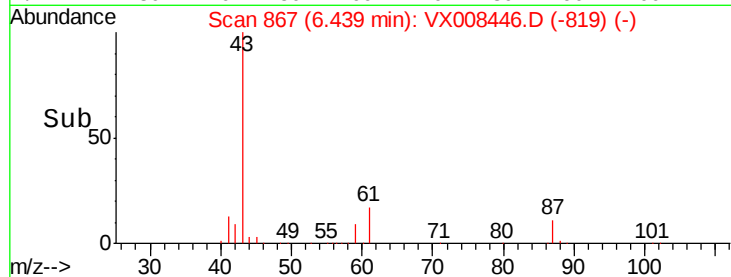
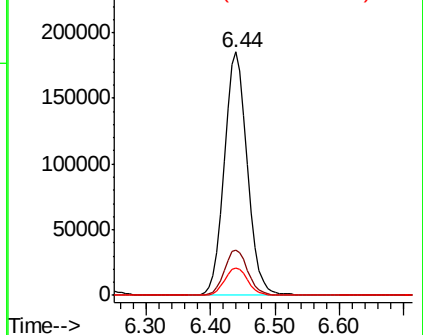
Isopropyl Acetate
 Concen: 56.025 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	464619
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.4	23.2
87	11.5	9.1	13.7



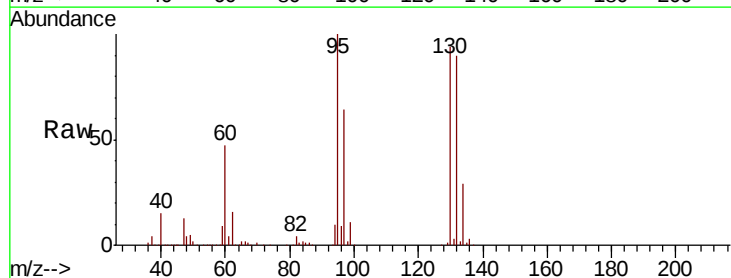
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



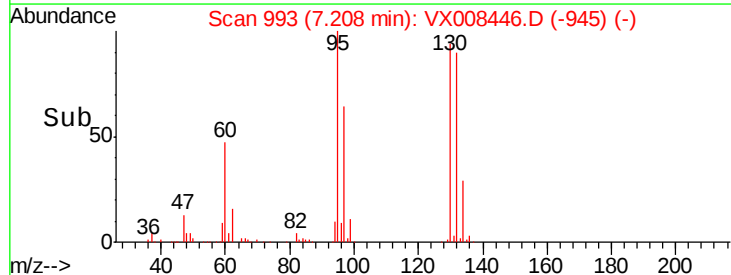
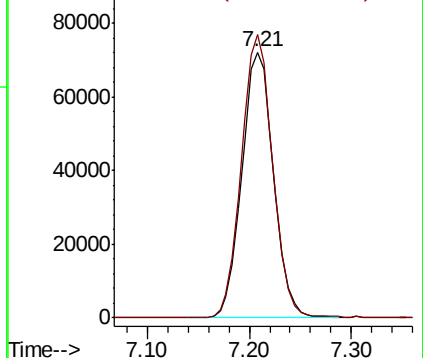
#44

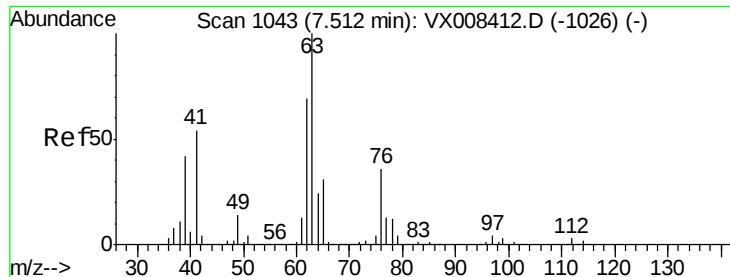
Trichloroethene
 Concen: 55.348 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion	130	Resp	155707
Ion Ratio	Lower	Upper	
130	100		
95	106.4	0.0	208.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 56.534 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

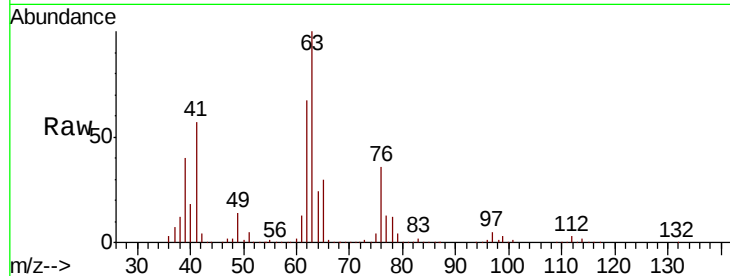
VSTDCCC050

Tot Ion: 63 Resp: 192532

Ion Ratio Lower Upper

63 100

65 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

100000

80000

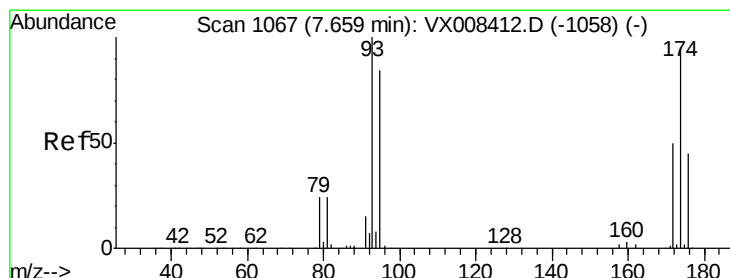
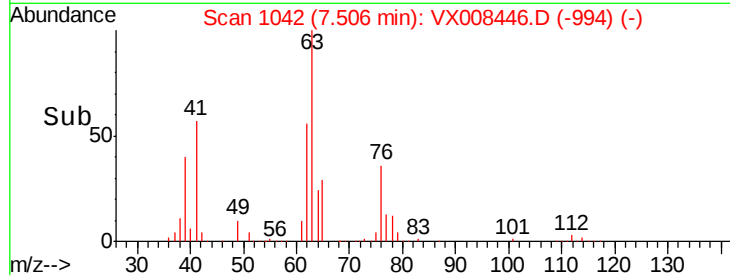
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 55.212 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

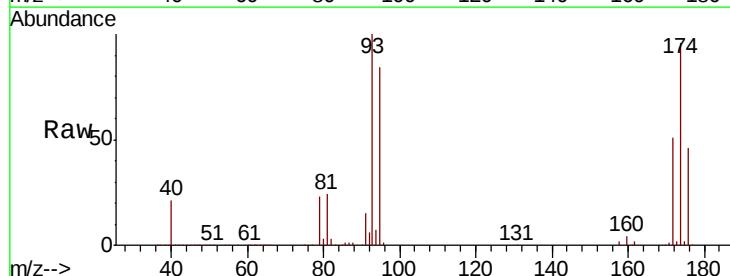
Tgt Ion: 93 Resp: 109801

Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 94.2 76.0 114.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

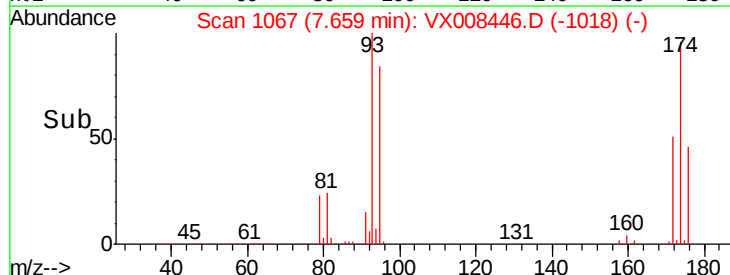
60000

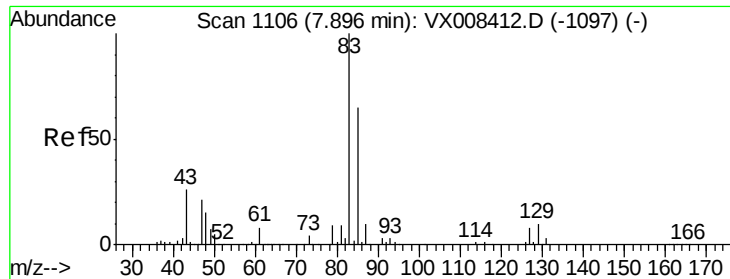
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 58.038 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

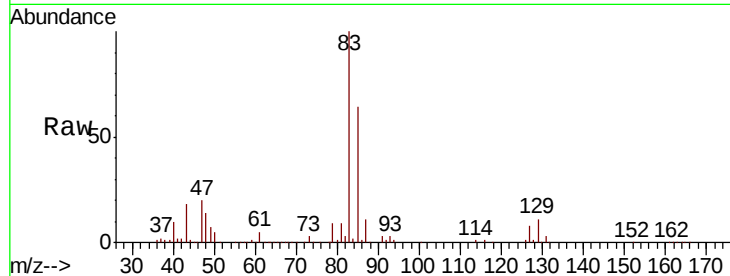
Tot Ion: 83 Resp: 220923

Ion Ratio Lower Upper

83 100

85 63.8 52.0 78.0

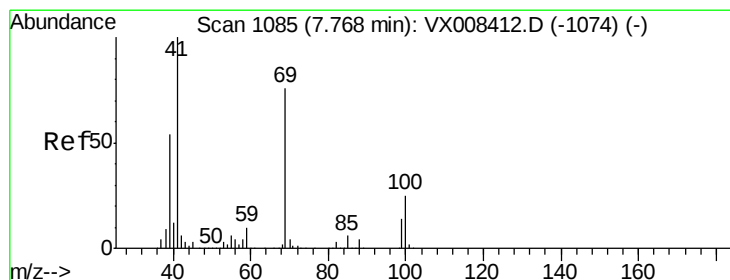
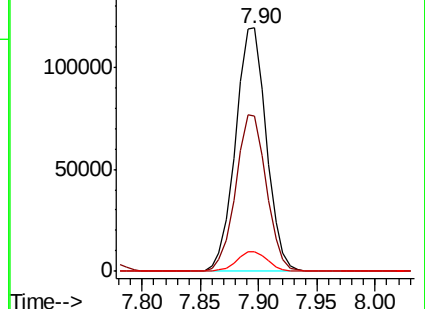
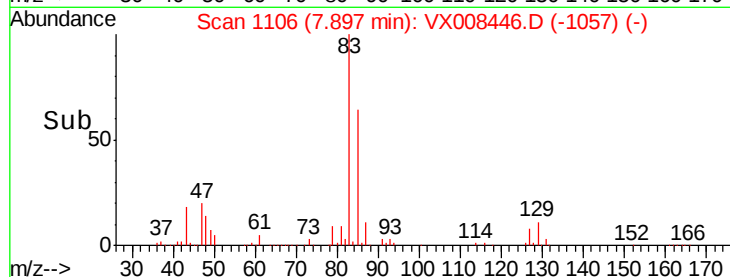
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.308 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

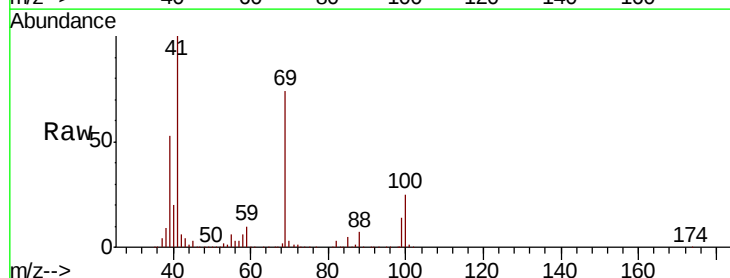
Tgt Ion: 41 Resp: 237799

Ion Ratio Lower Upper

41 100

69 74.8 60.8 91.2

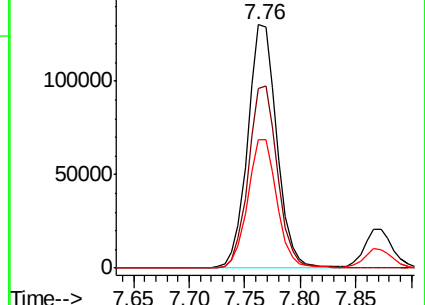
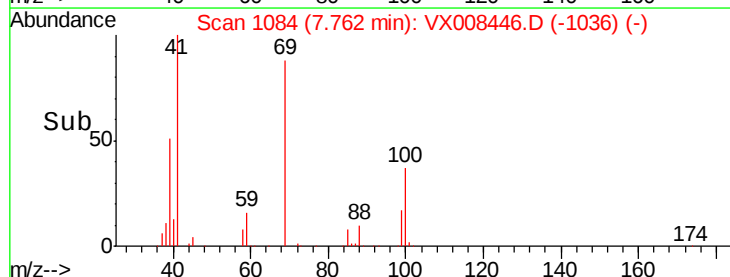
39 52.8 42.3 63.5

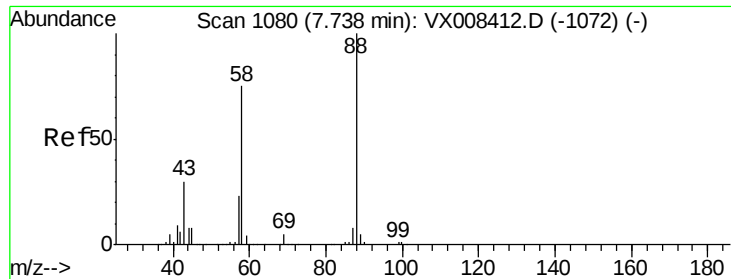


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

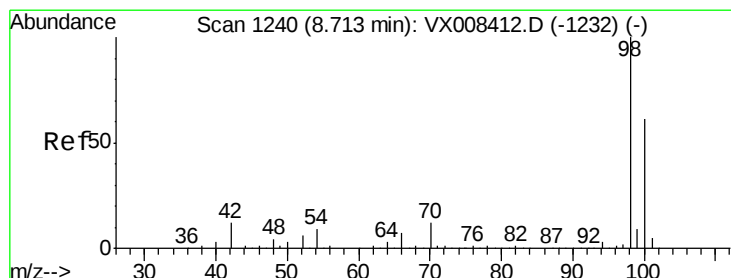
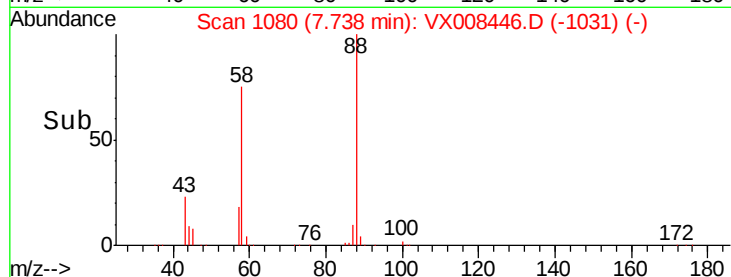
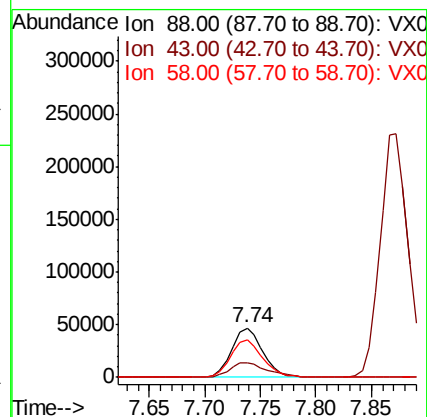
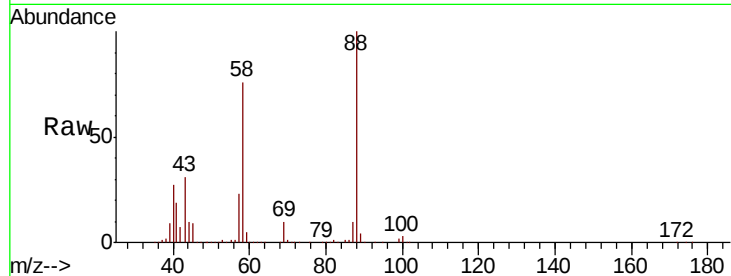




#49
1,4-Dioxane
Concen: 1098.874 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

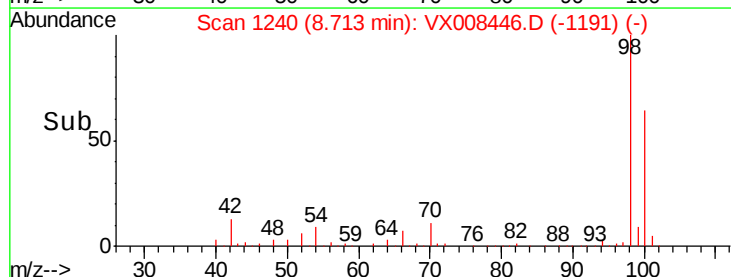
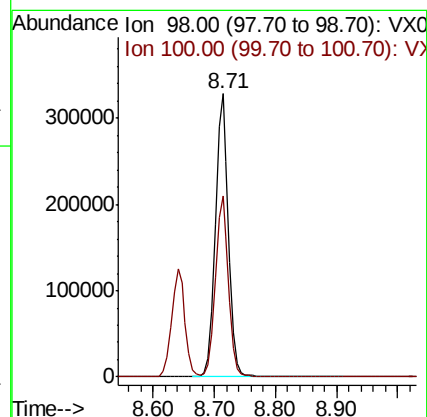
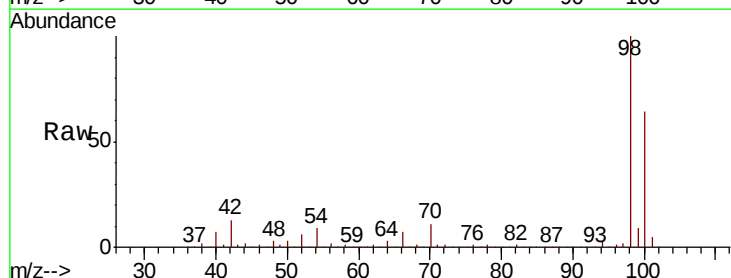
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

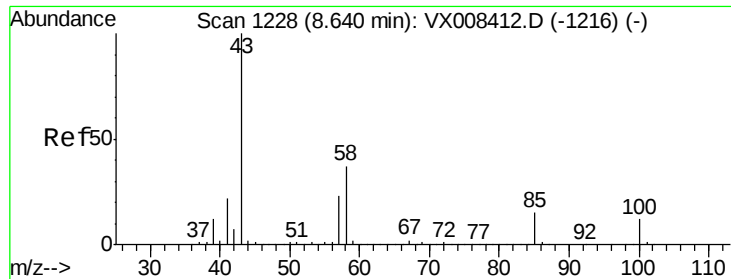
Tot Ion: 88 Resp: 90664
Ion Ratio Lower Upper
88 100
43 36.4 28.6 43.0
58 78.9 63.0 94.4



#50
Toluene-d8
Concen: 51.194 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 98 Resp: 501016
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 285.509 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

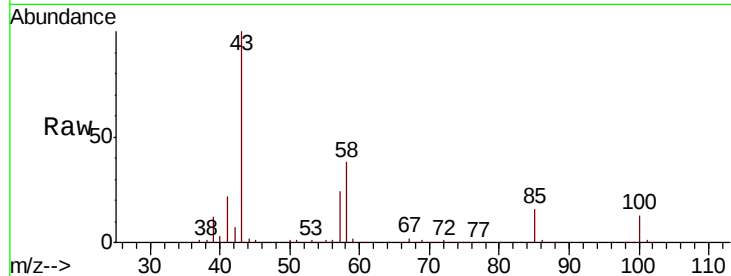
VSTDCCC050

Tot Ion: 43 Resp: 1537864

Ion Ratio Lower Upper

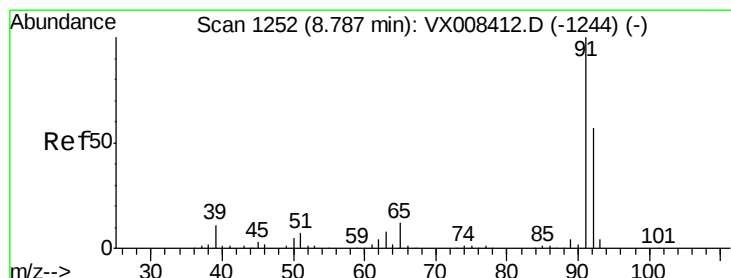
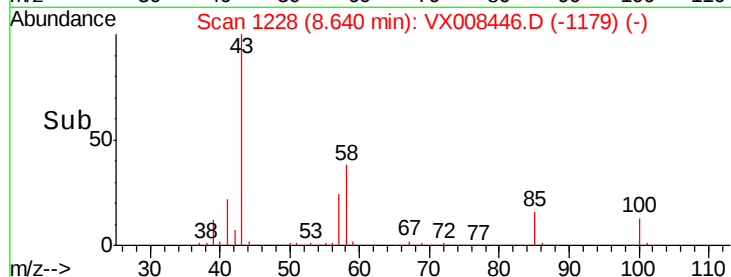
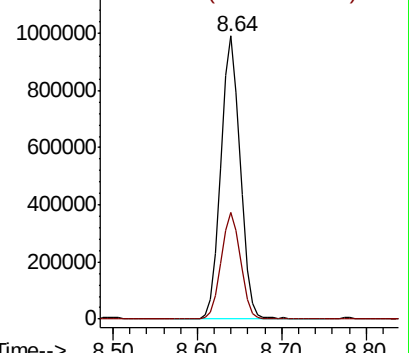
43 100

58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 56.529 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008446.D

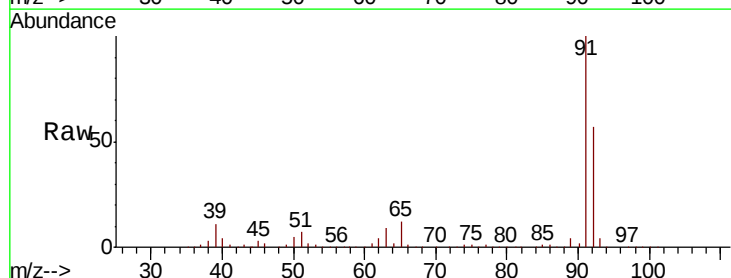
Acq: 26 Mar 2019 09:57

Tgt Ion: 92 Resp: 404975

Ion Ratio Lower Upper

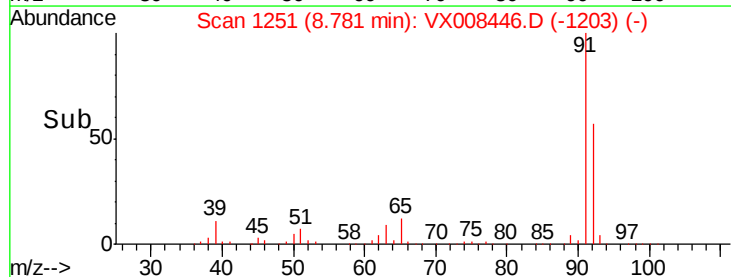
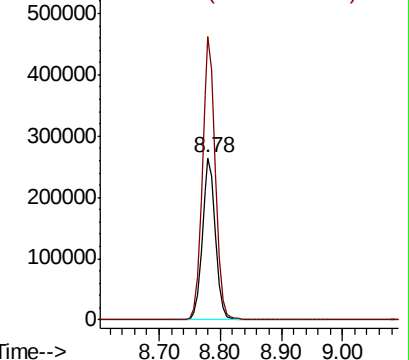
92 100

91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

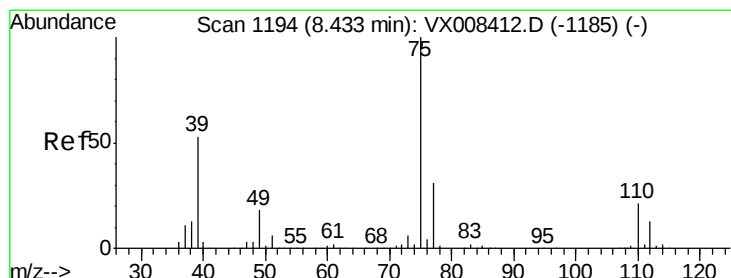
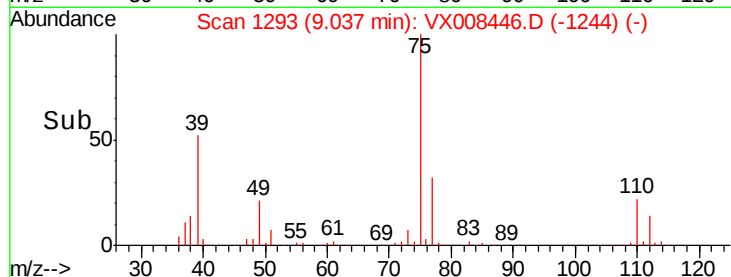
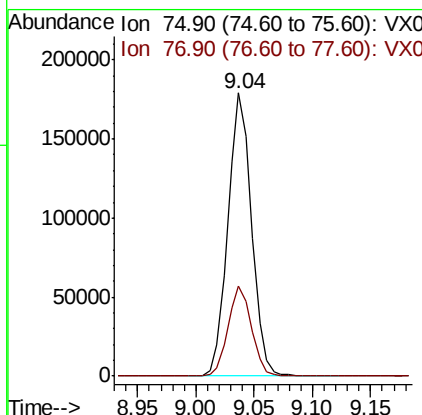
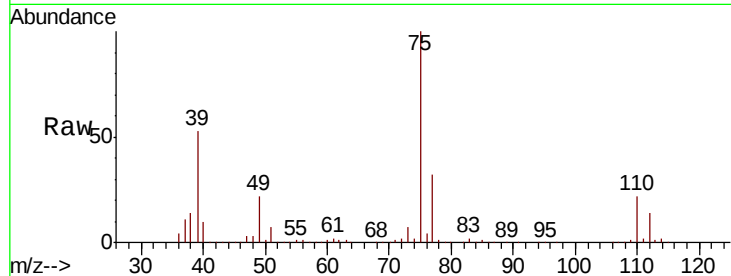




#53
t-1,3-Dichloropropene
Concen: 60.531 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

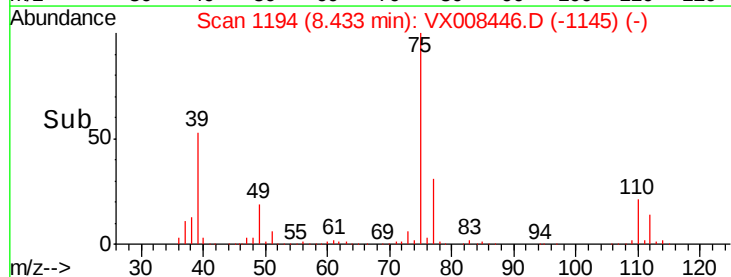
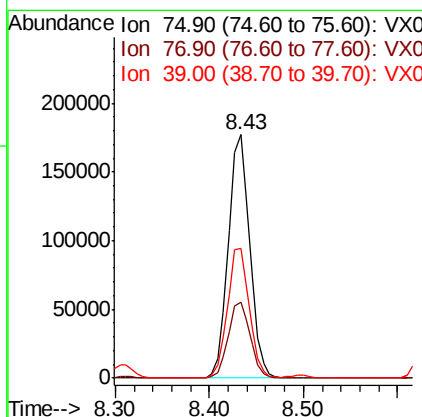
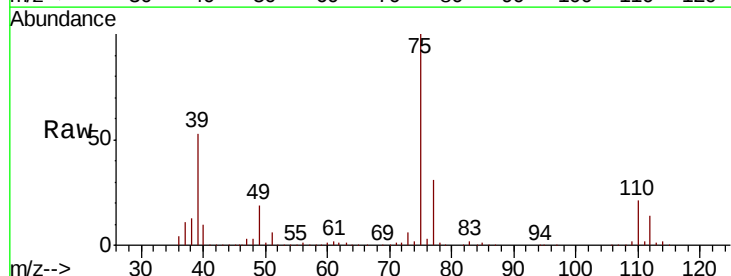
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

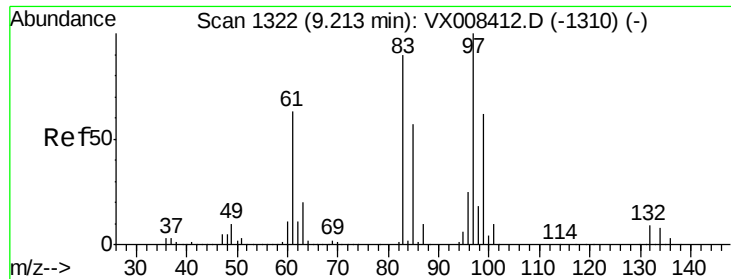
Tot Ion: 75 Resp: 252372
Ion Ratio Lower Upper
75 100
77 32.0 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 59.191 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 75 Resp: 280630
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 53.1 42.4 63.6



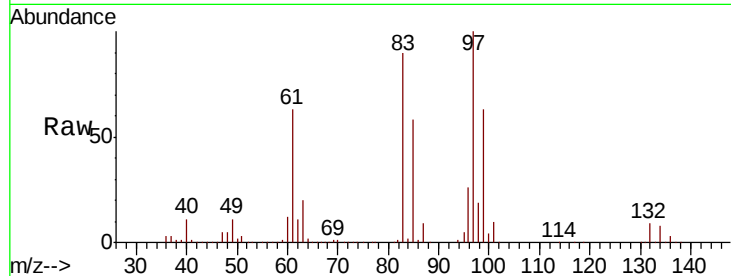


#55
 1,1,2-Trichloroethane
 Concen: 55.757 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 162603

Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.8	107.6
85	58.0	45.9	68.9
99	63.4	49.4	74.0



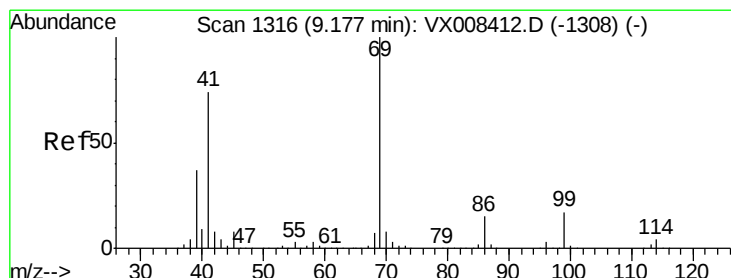
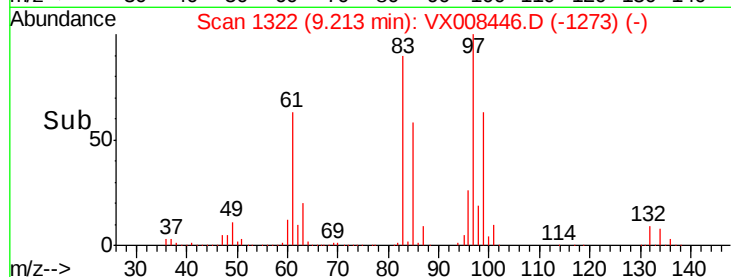
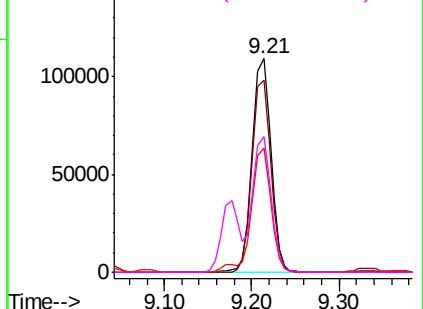
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

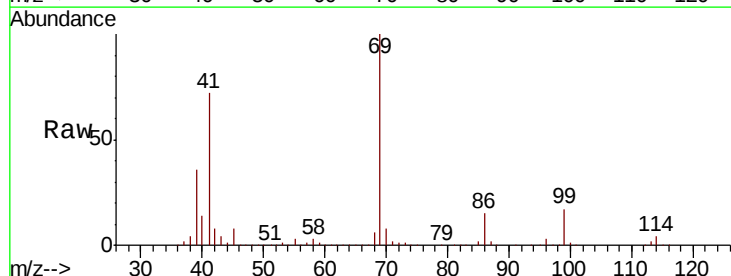
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 58.939 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 69 Resp: 310262

Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.5	89.3
39	37.0	29.3	43.9

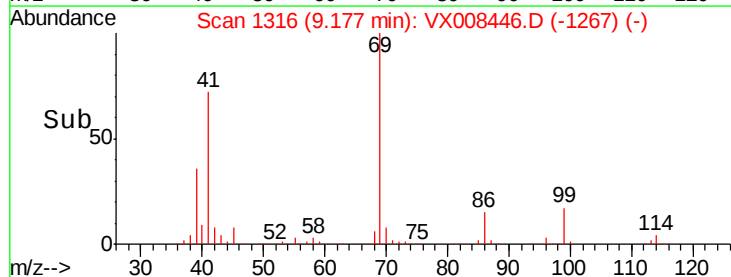
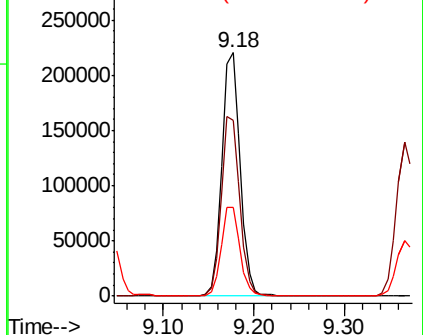


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.806 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

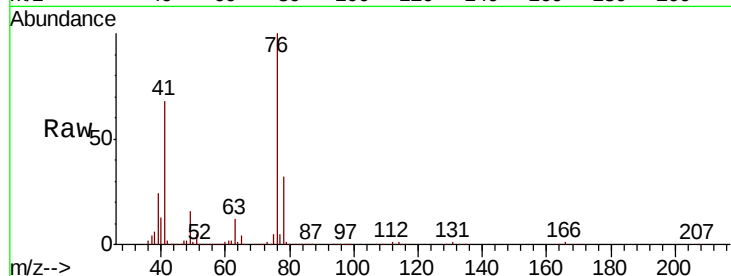
VSTDCCC050

Tot Ion: 76 Resp: 291788

Ion Ratio Lower Upper

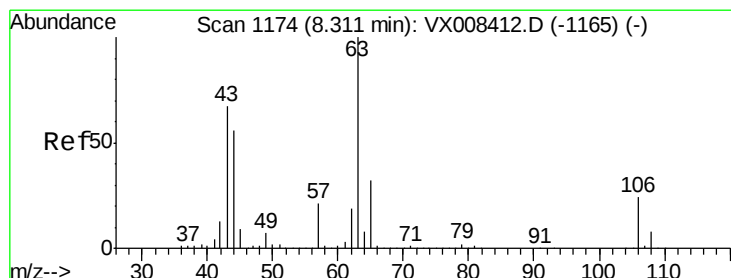
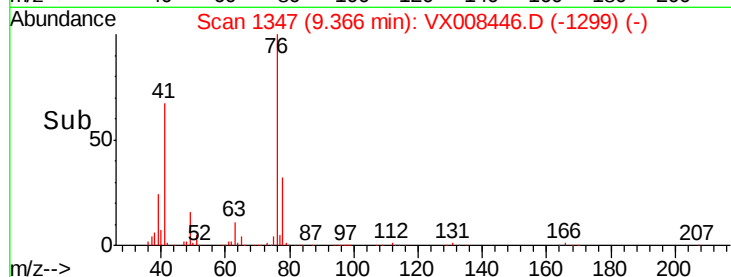
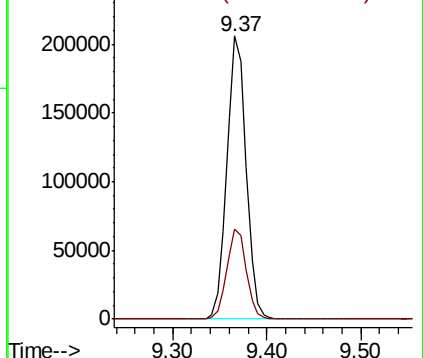
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.587 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008446.D

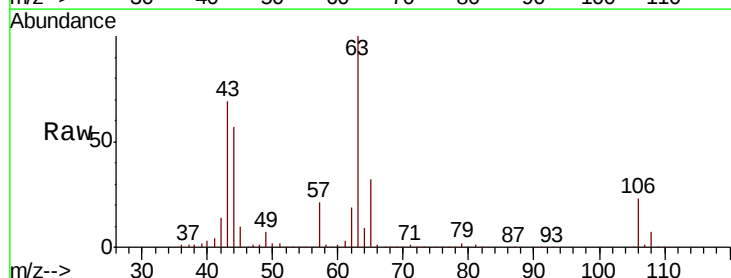
Acq: 26 Mar 2019 09:57

Tgt Ion: 63 Resp: 706365

Ion Ratio Lower Upper

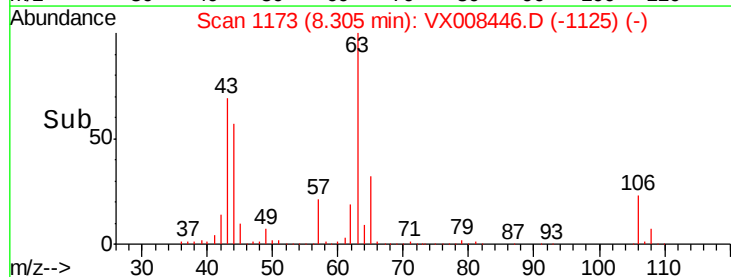
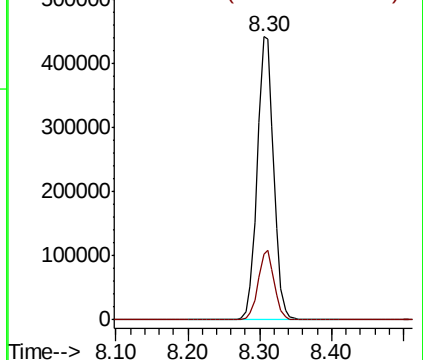
63 100

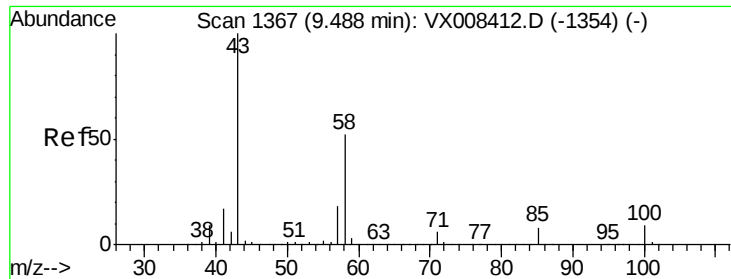
106 23.9 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

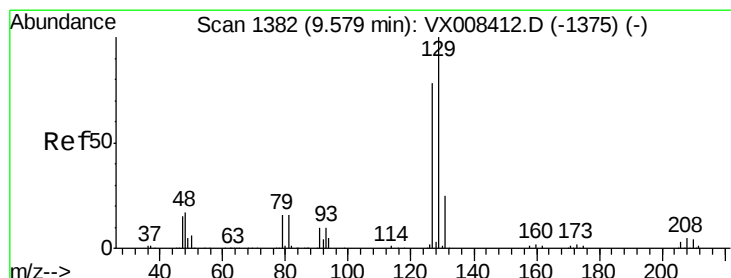
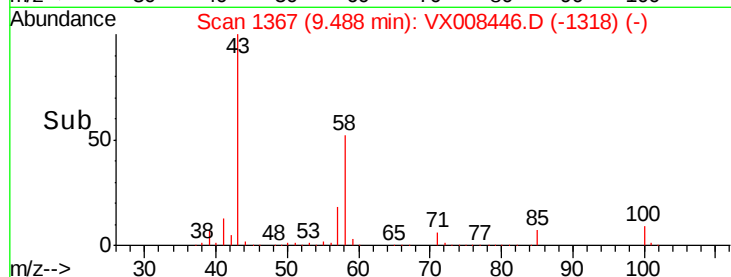
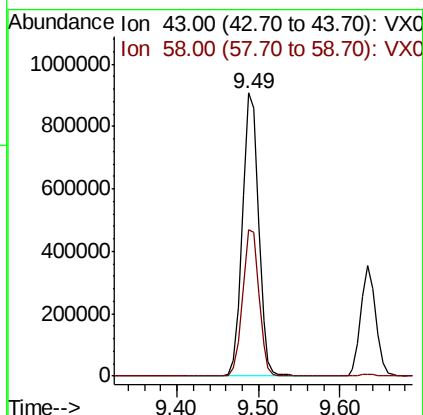
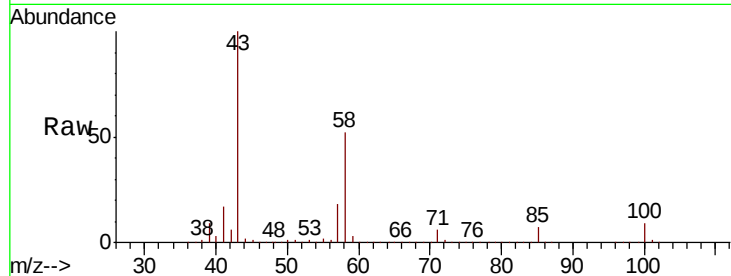




#59
2-Hexanone
Concen: 295.935 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

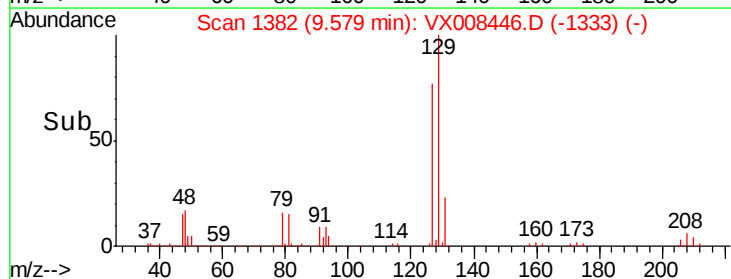
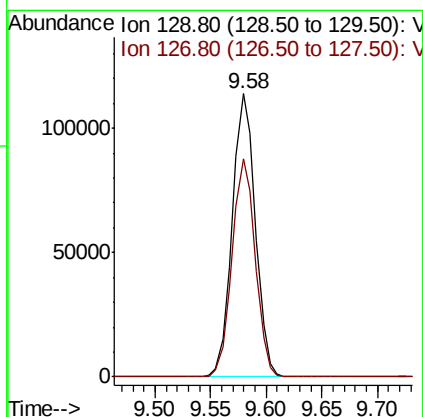
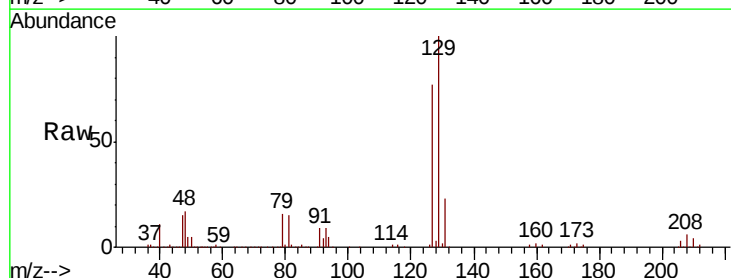
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

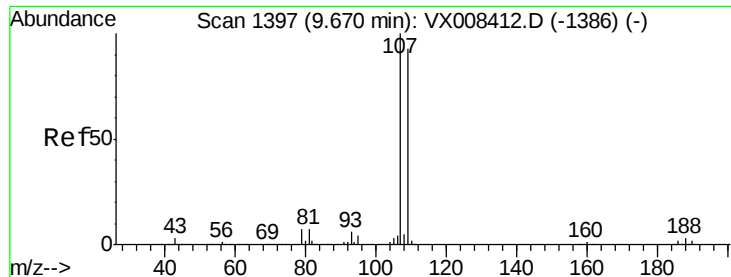
Tot Ion: 43 Resp: 1235138
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 58.972 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:129 Resp: 163556
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 56.659 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

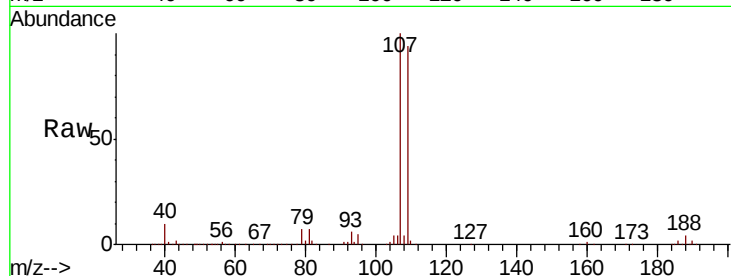
VSTDCCC050

Tot Ion:107 Resp: 168624

Ion Ratio Lower Upper

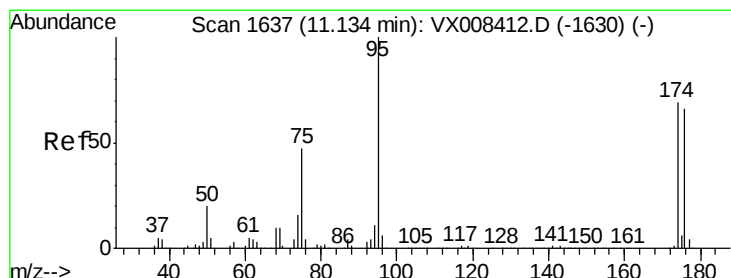
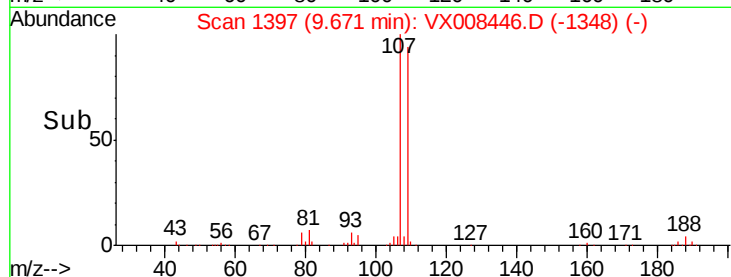
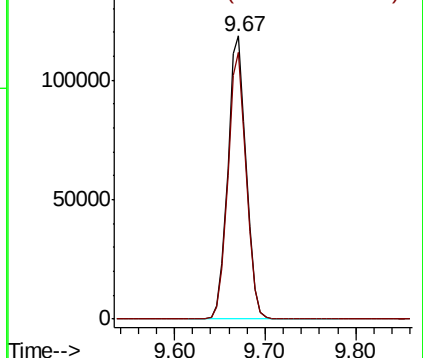
107 100

109 94.4 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.659 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

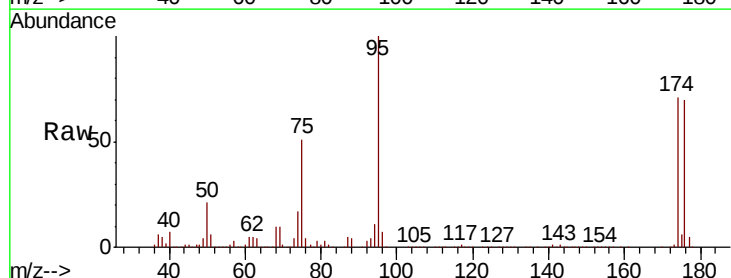
Tgt Ion: 95 Resp: 194598

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.2

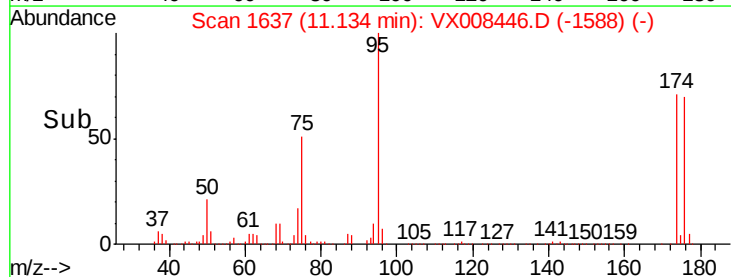
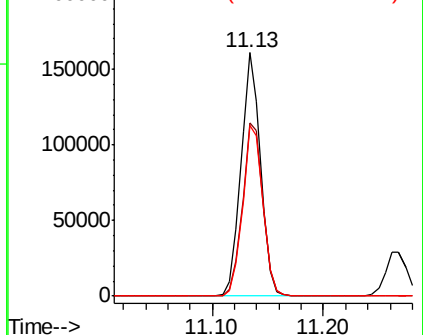
176 72.6 0.0 142.4

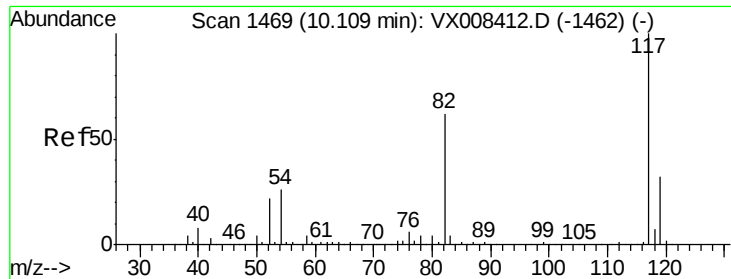


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

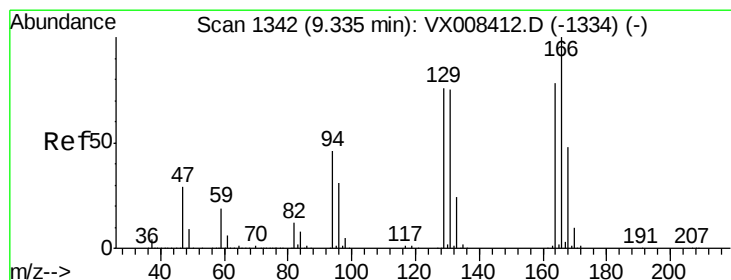
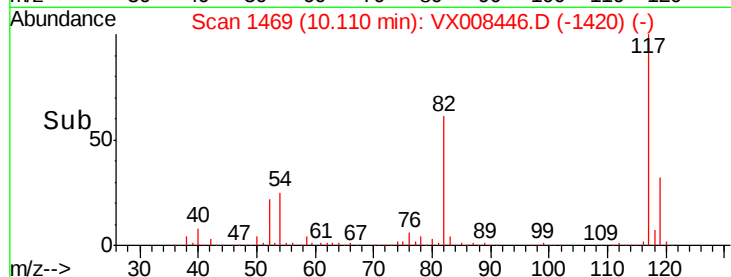
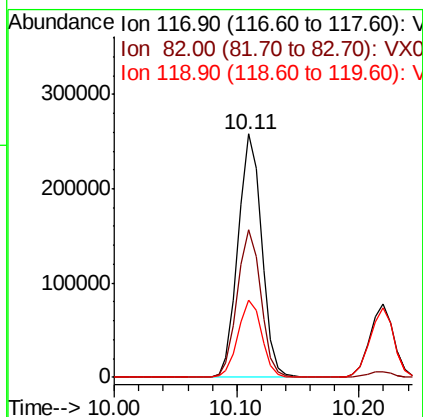
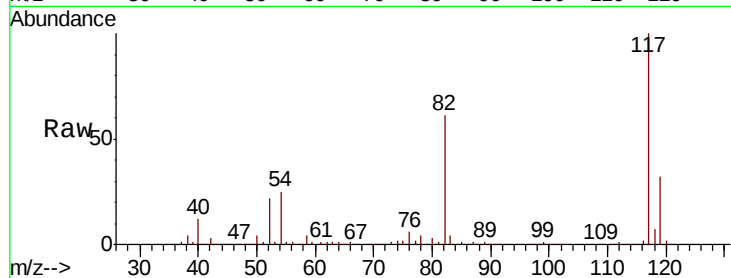




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

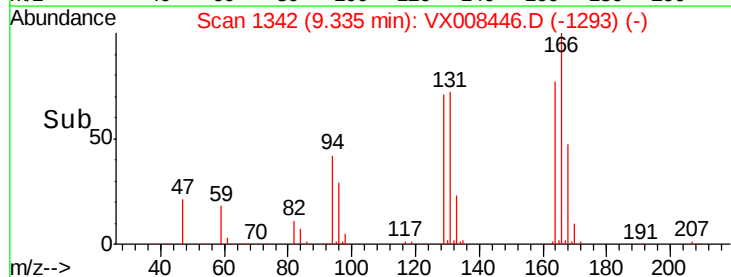
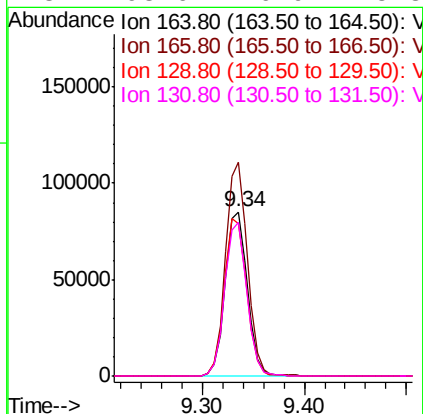
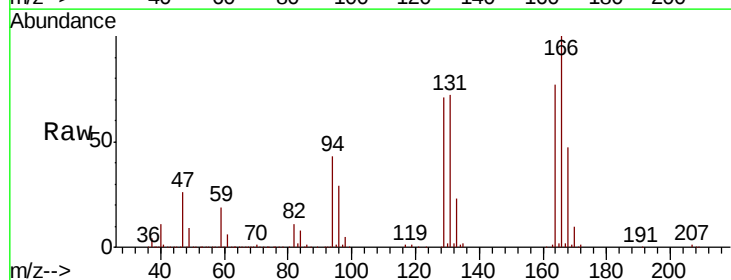
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

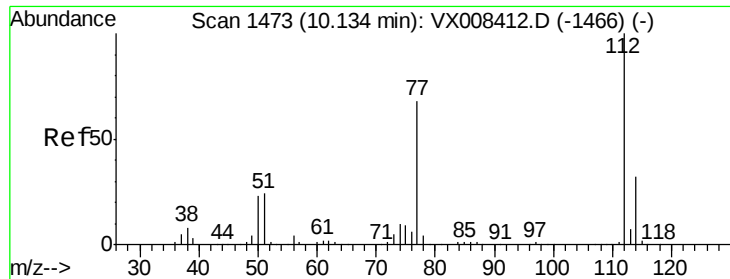
Tot Ion:117 Resp: 344182
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.2
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 54.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:164 Resp: 127215
Ion Ratio Lower Upper
164 100
166 130.3 102.5 153.7
129 93.0 77.8 116.8
131 93.6 76.9 115.3

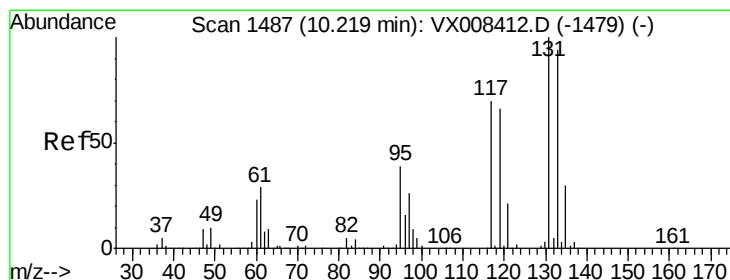
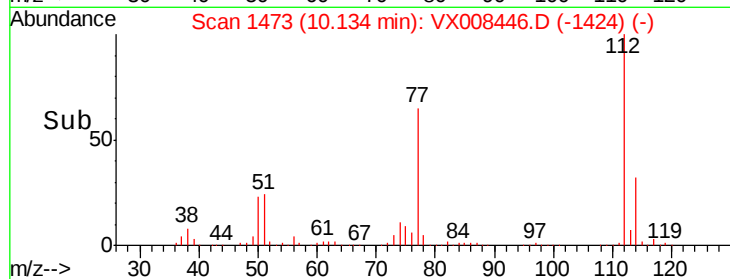
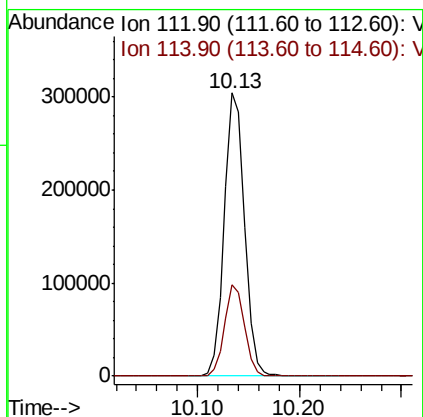
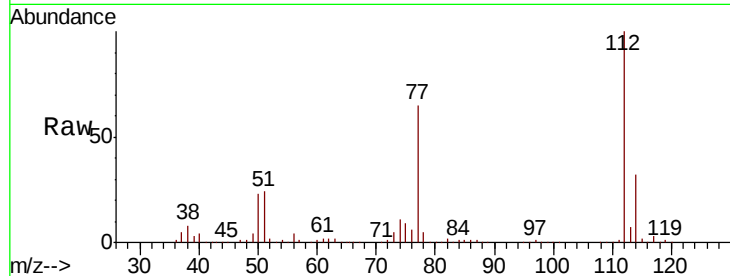




#65
Chlorobenzene
Concen: 55.976 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

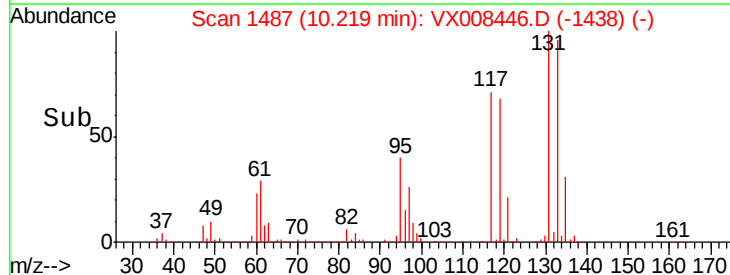
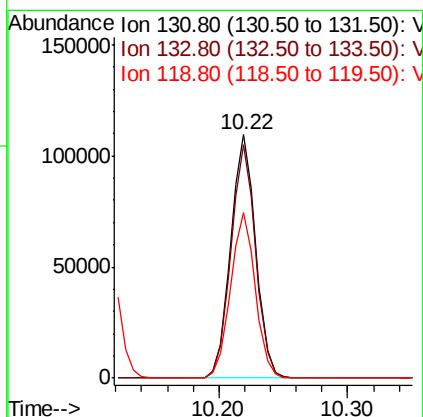
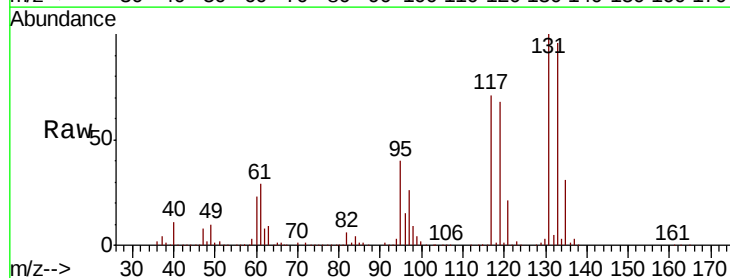
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

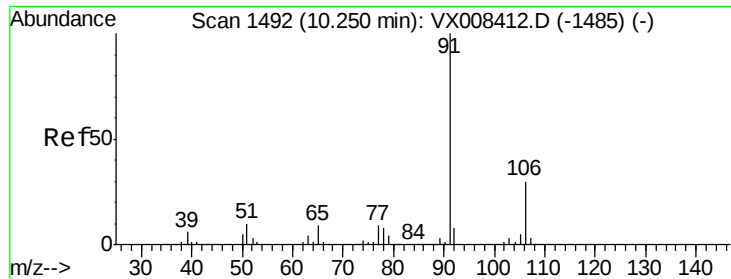
Tot Ion:112 Resp: 418977
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.386 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:131 Resp: 148191
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 67.7 33.6 100.6

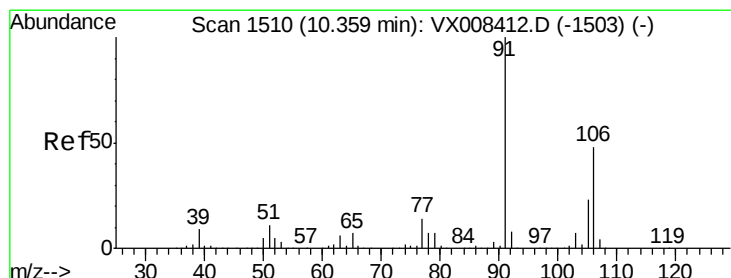
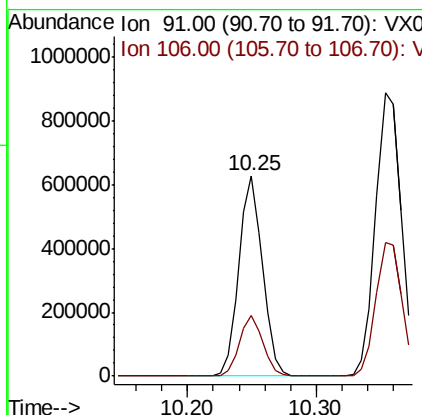
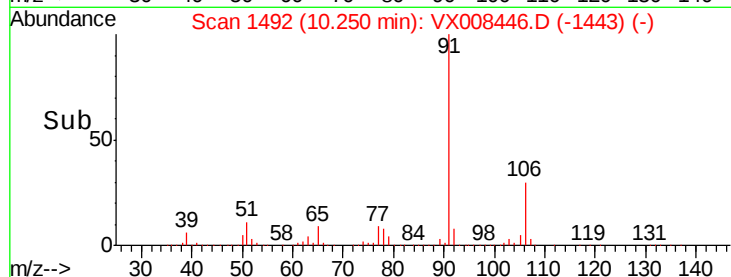
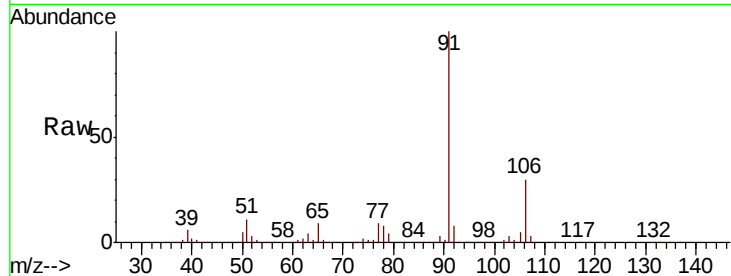




#67
Ethyl Benzene
Concen: 56.485 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

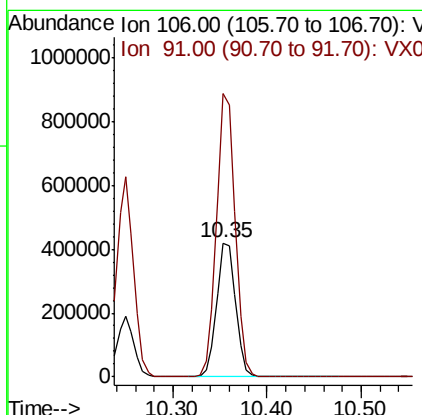
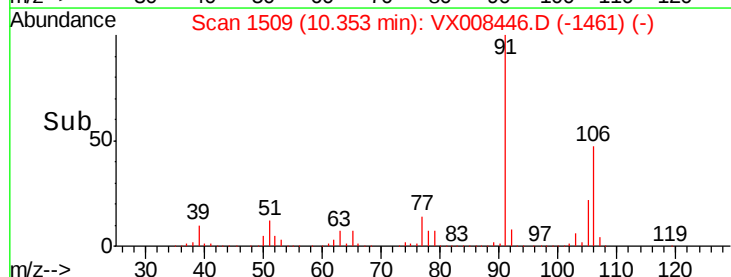
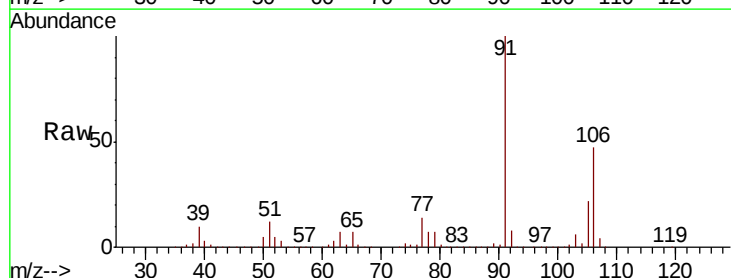
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

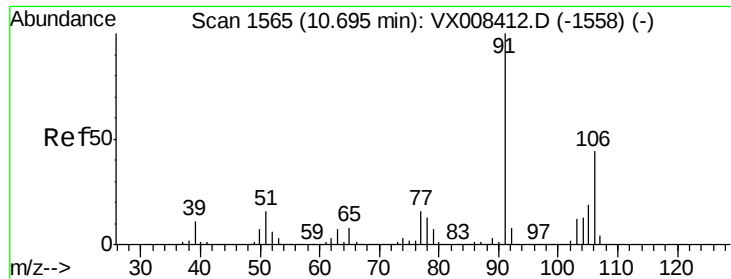
Tot Ion: 91 Resp: 797923
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#68
m/p-Xylenes
Concen: 113.689 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 106 Resp: 584255
Ion Ratio Lower Upper
106 100
91 209.2 168.6 253.0

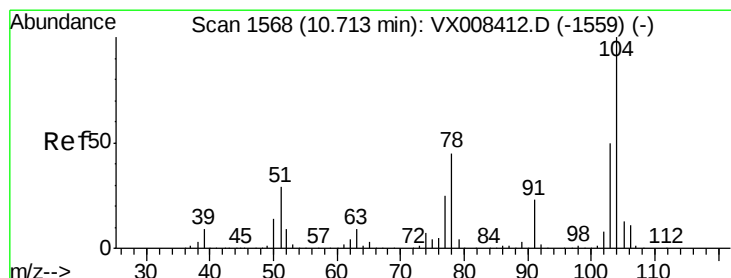
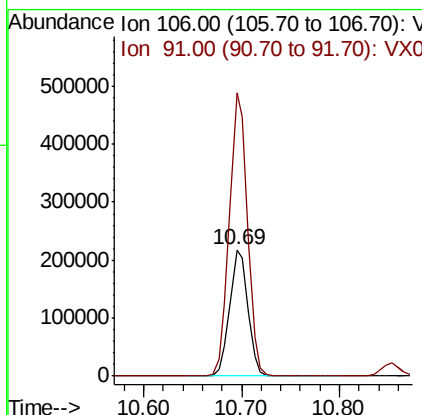
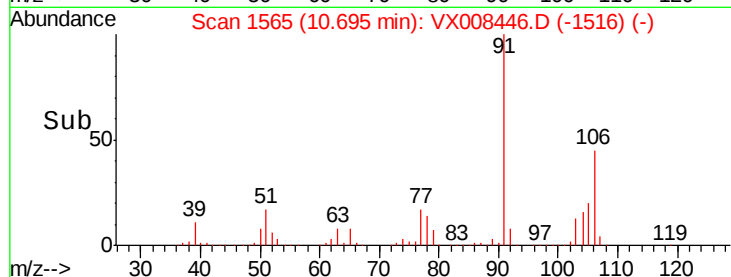
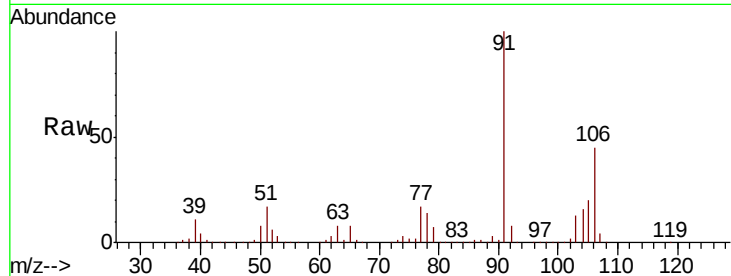




#69
o-Xylene
Concen: 56.518 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

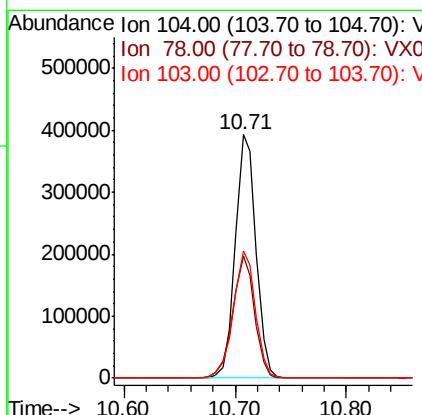
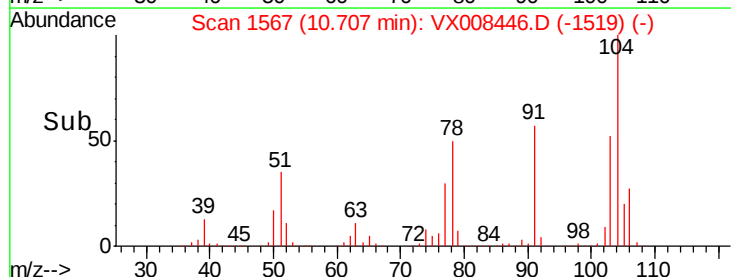
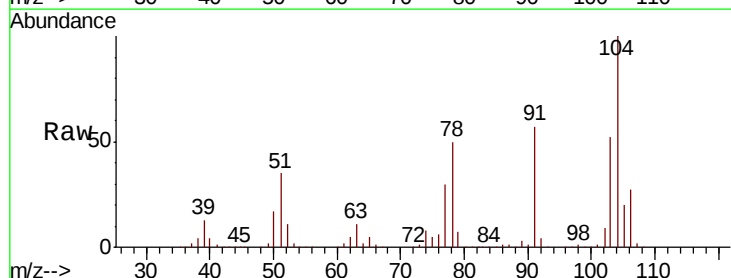
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 281862
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2



#70
Styrene
Concen: 58.487 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:104 Resp: 503835
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 55.6 44.2 66.4

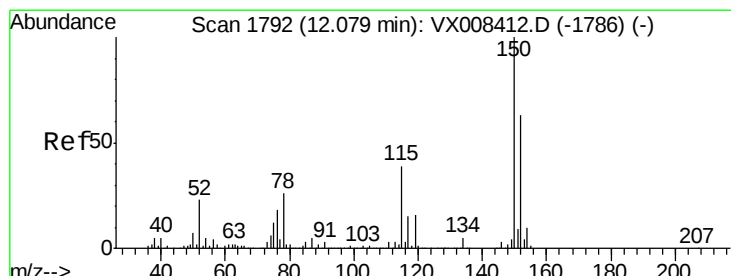
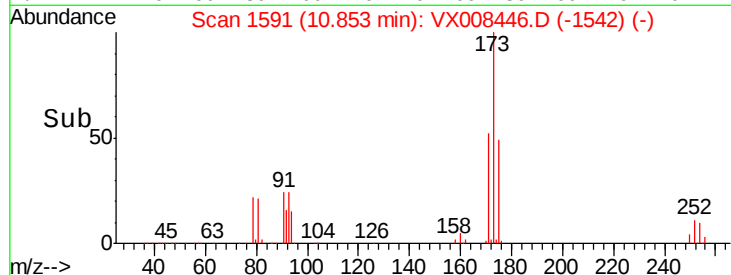
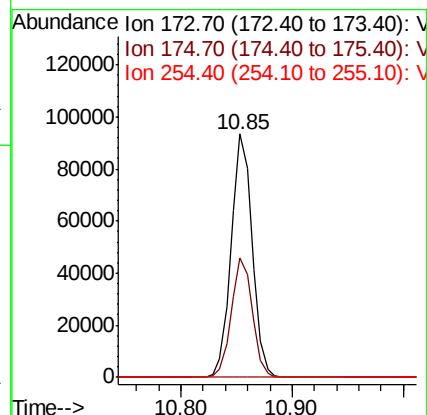
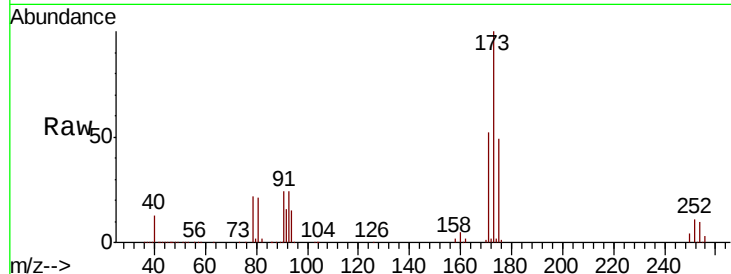




#71
Bromoform
Concen: 59.757 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

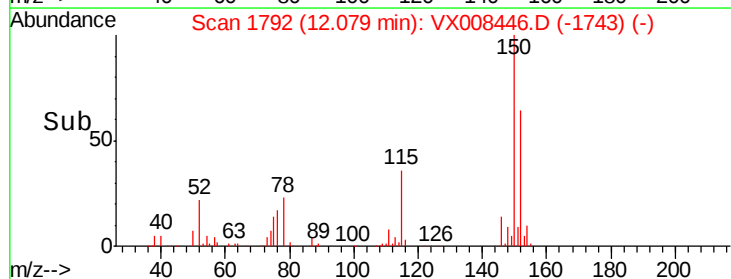
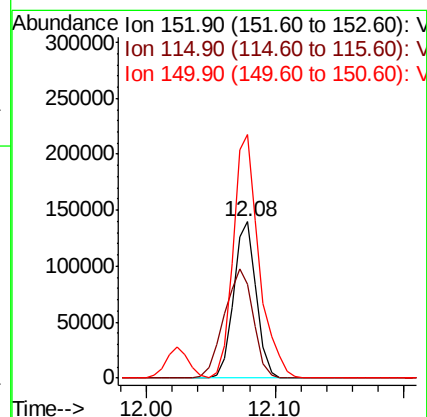
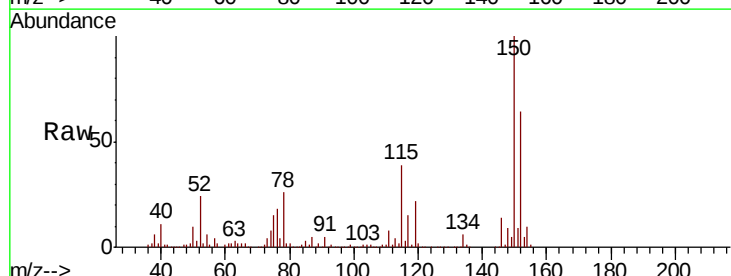
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

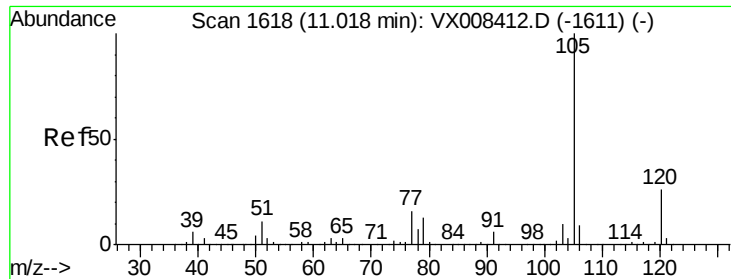
Tot Ion:173 Resp: 121867
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:152 Resp: 171864
Ion Ratio Lower Upper
152 100
115 90.2 43.5 130.5
150 176.6 0.0 348.8





#73

Isopropylbenzene

Concen: 54.202 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

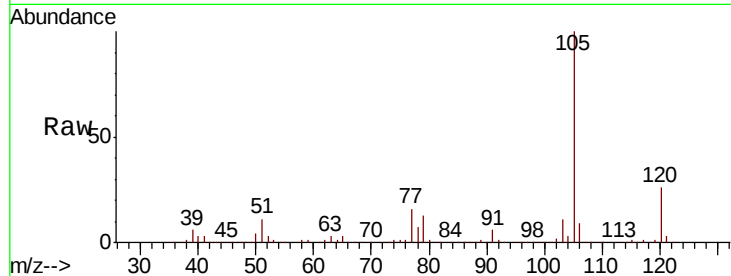
VSTDCCC050

Tot Ion:105 Resp: 757850

Ion Ratio Lower Upper

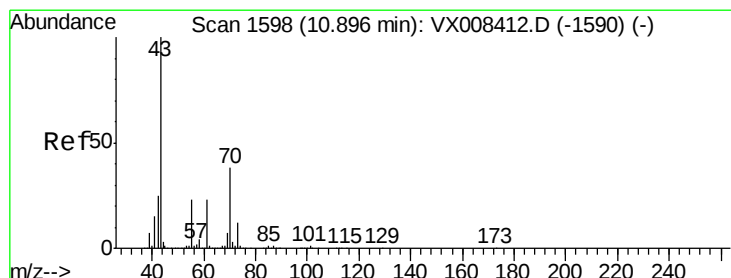
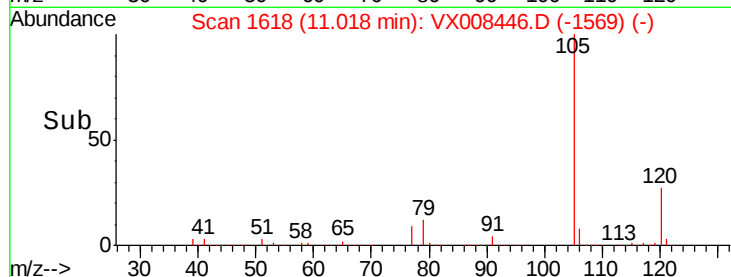
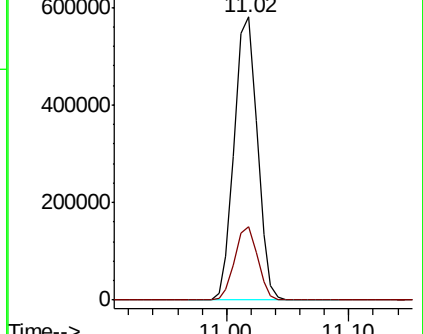
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.081 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Tgt Ion: 43 Resp: 445770

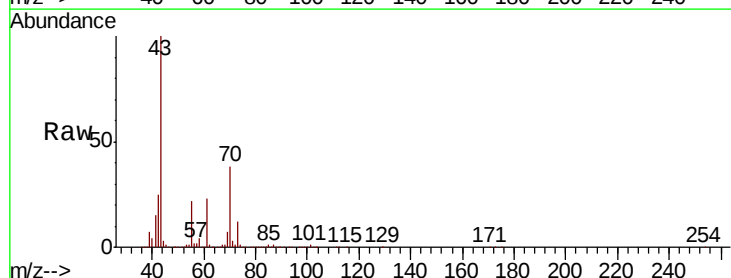
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.6 18.2 27.2

61 23.1 18.4 27.6

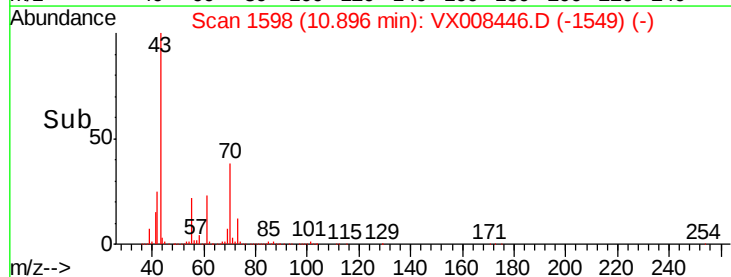
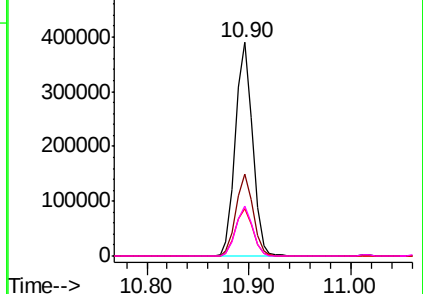


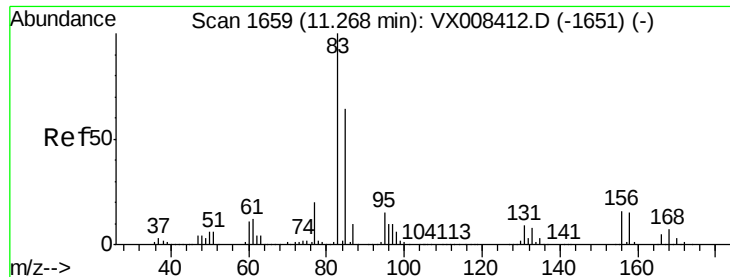
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.729 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

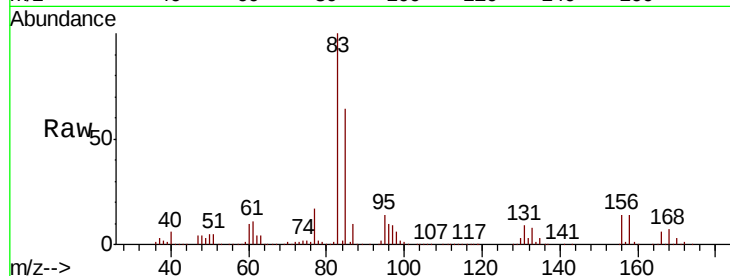
Tot Ion: 83 Resp: 280628

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.7	31.9	95.9

83 100

131 9.0 4.5 13.4

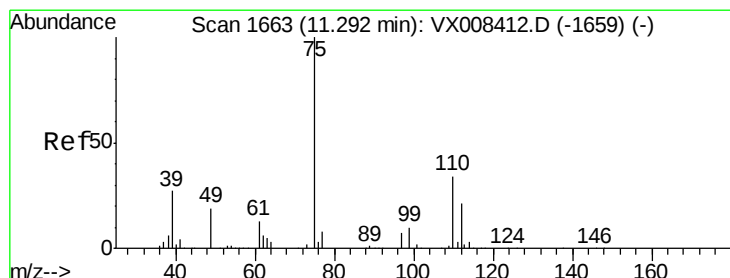
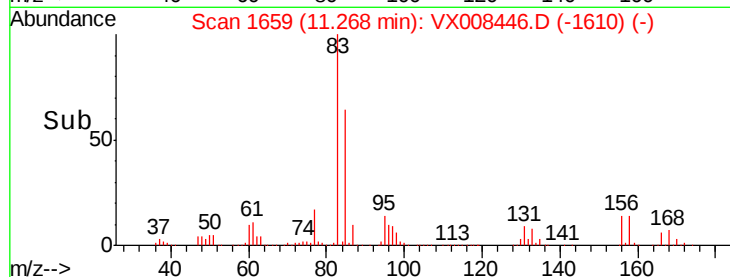
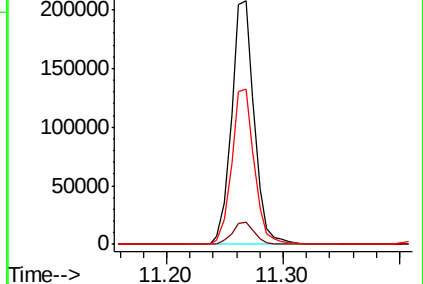
85 63.7 31.9 95.9



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: 64.069 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008446.D

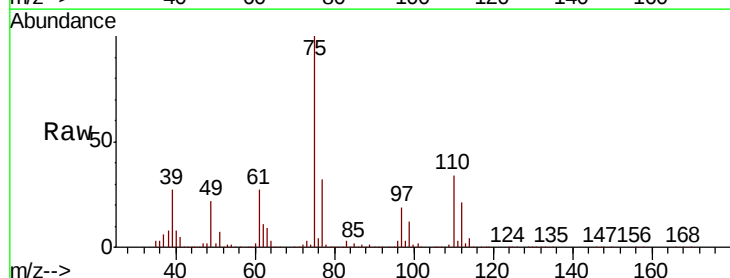
Acq: 26 Mar 2019 09:57

Tgt Ion: 75 Resp: 327352

Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.9	65.7

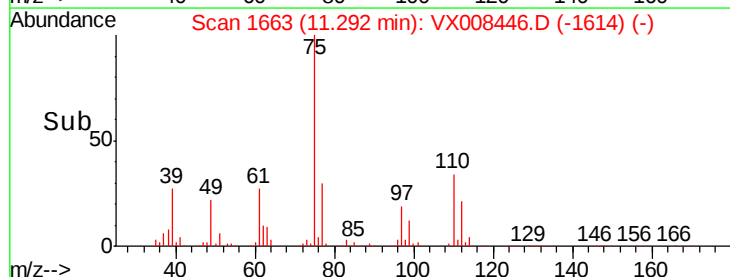
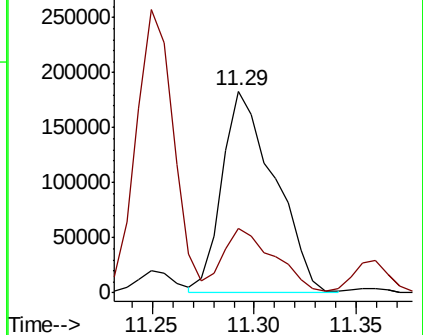
75 100

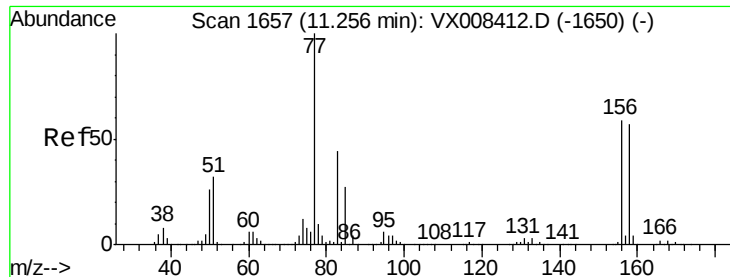
77 31.4 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.160 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

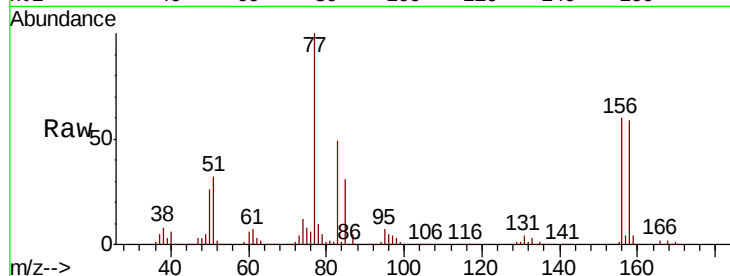
Tot Ion:156 Resp: 180395

Ion Ratio Lower Upper

156 100

77 182.1 91.1 273.3

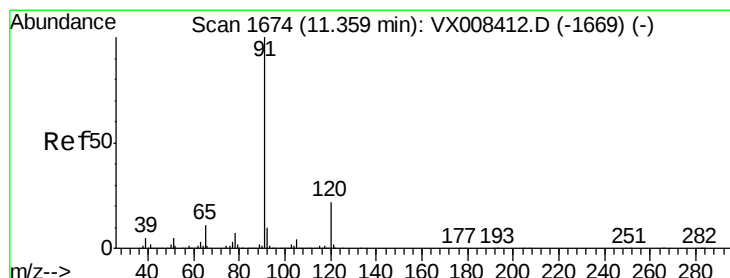
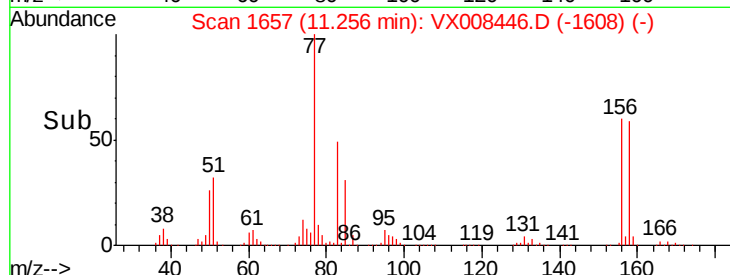
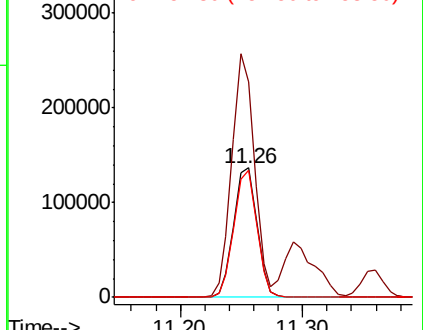
158 96.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.084 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008446.D

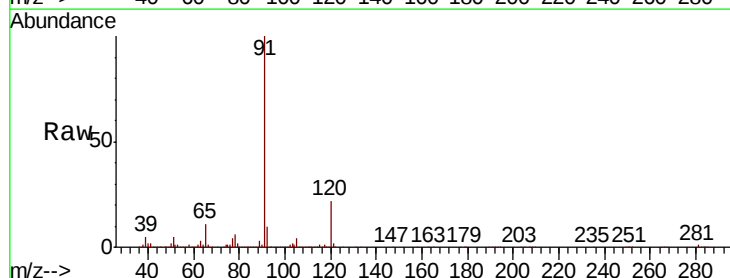
Acq: 26 Mar 2019 09:57

Tgt Ion: 91 Resp: 918604

Ion Ratio Lower Upper

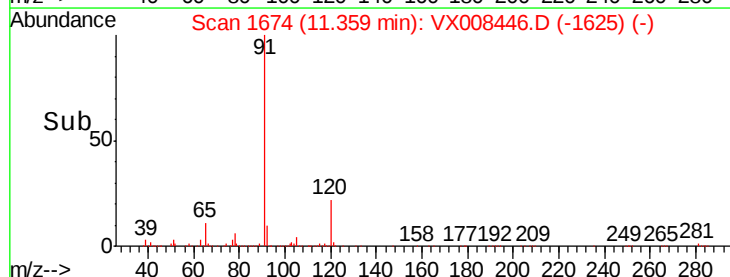
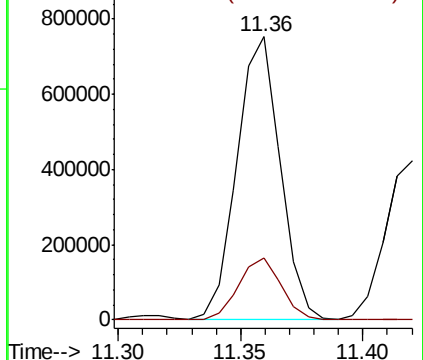
91 100

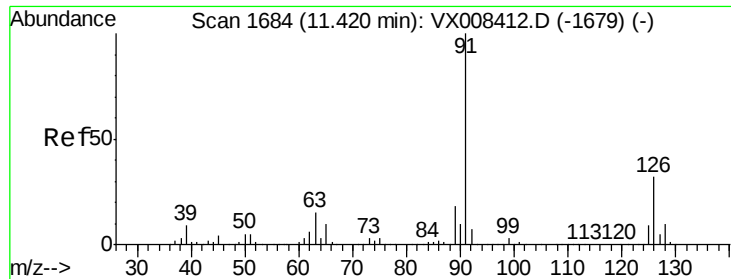
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.790 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

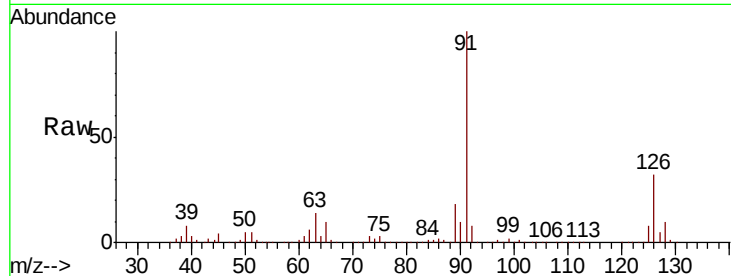
VSTDCCC050

Tot Ion: 91 Resp: 535866

Ion Ratio Lower Upper

91 100

126 31.9 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

800000

600000

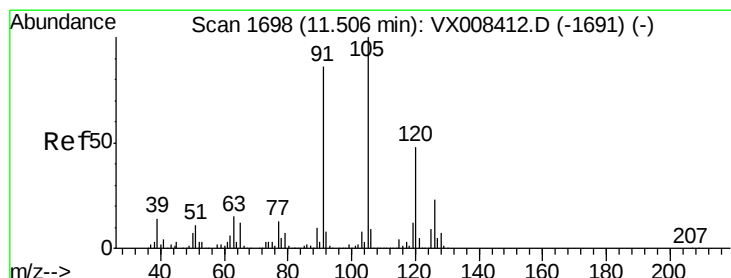
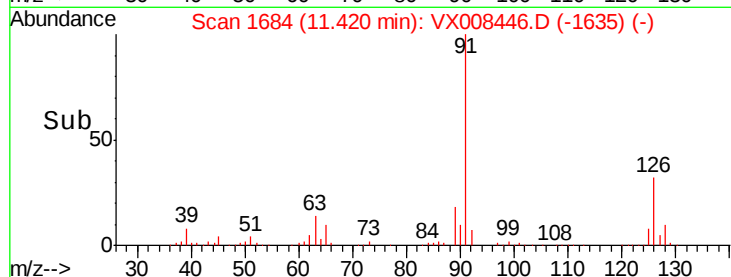
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.567 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008446.D

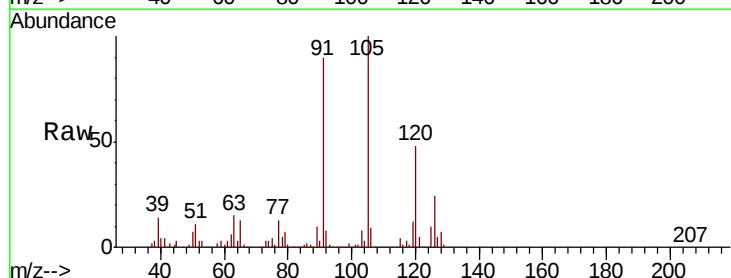
Acq: 26 Mar 2019 09:57

Tgt Ion: 105 Resp: 656843

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

600000

500000

400000

300000

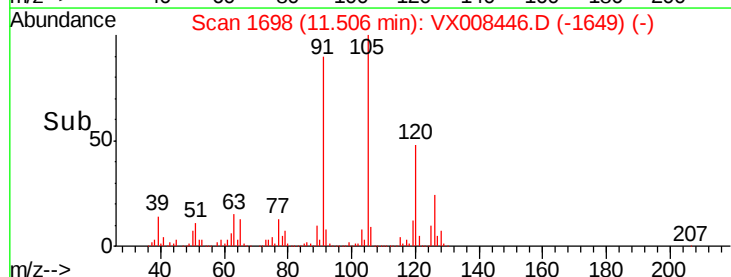
200000

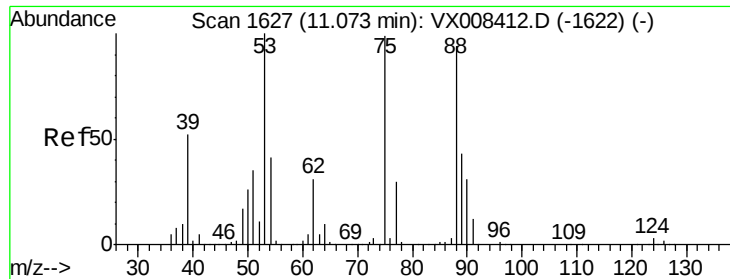
100000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 59.282 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

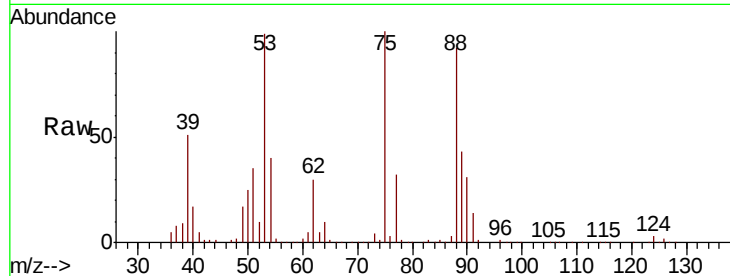
Tot Ion: 75 Resp: 94570

Ion Ratio Lower Upper

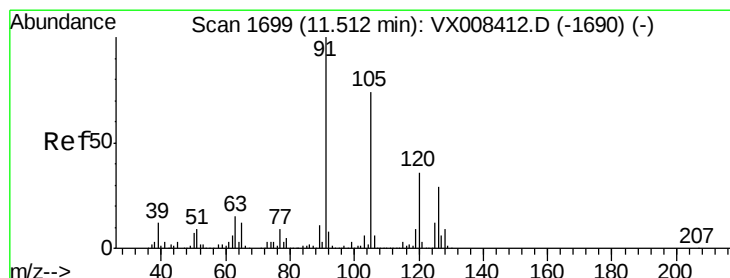
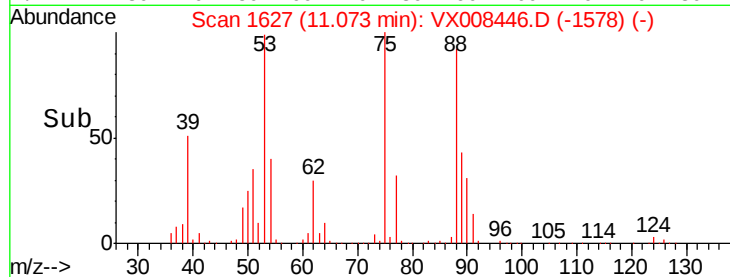
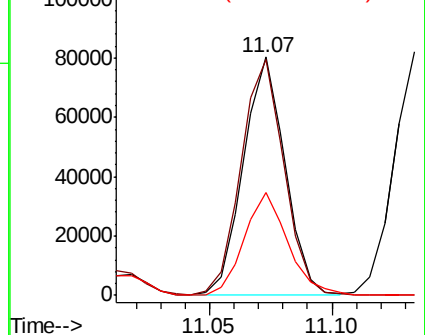
75 100

53 102.4 82.1 123.1

89 45.6 34.6 52.0



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: 55.358 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008446.D

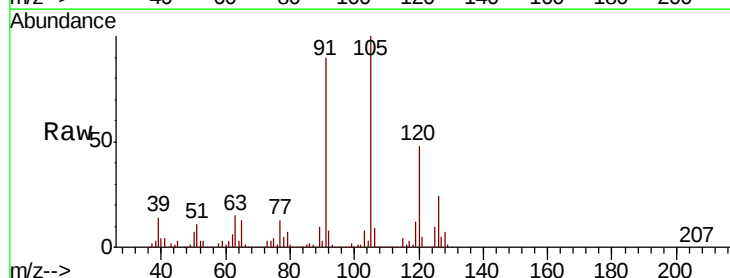
Acq: 26 Mar 2019 09:57

Tgt Ion: 91 Resp: 636140

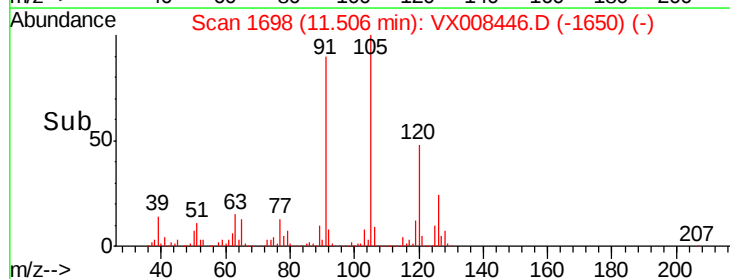
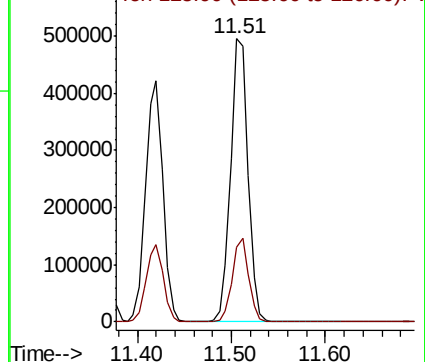
Ion Ratio Lower Upper

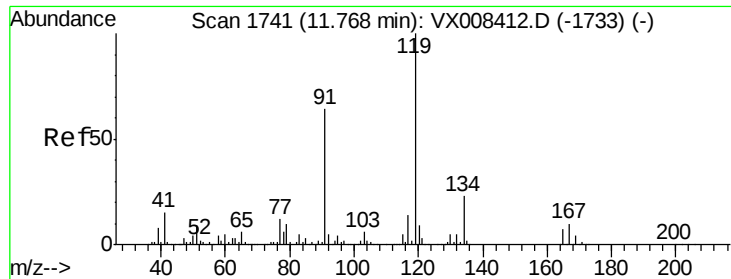
91 100

126 28.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

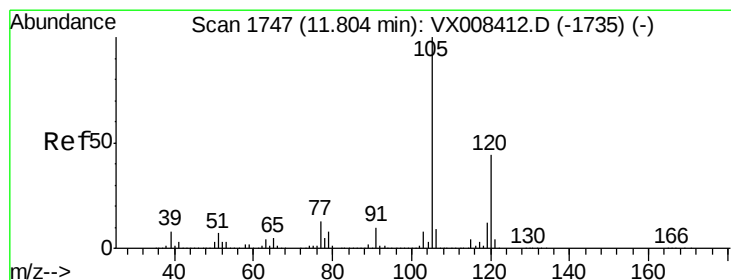
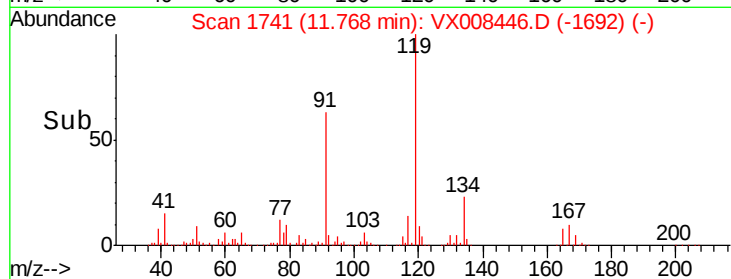
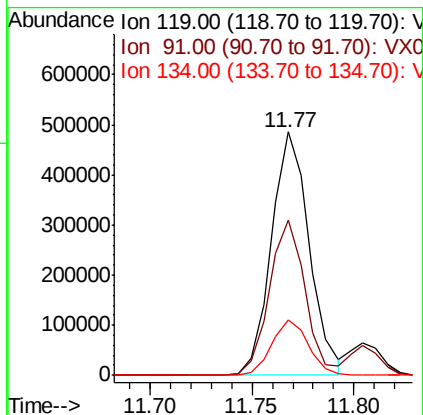
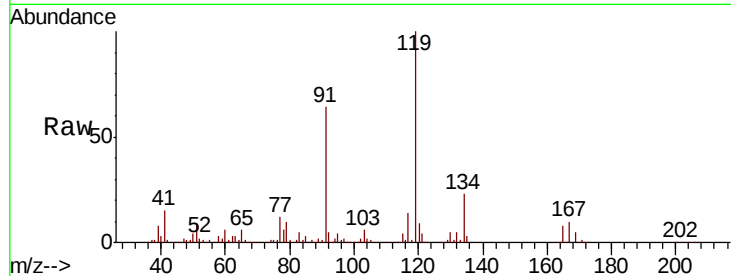




#83
 tert-Butylbenzene
 Concen: 55.105 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

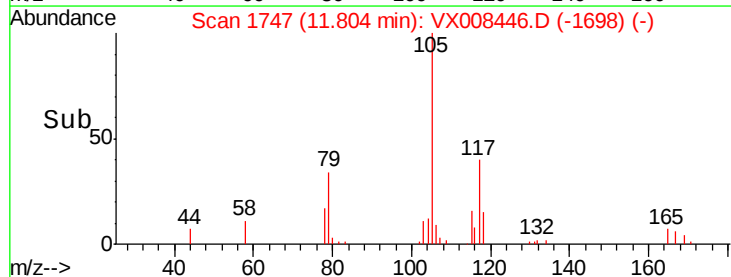
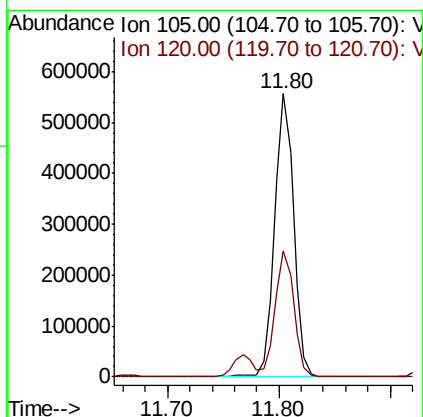
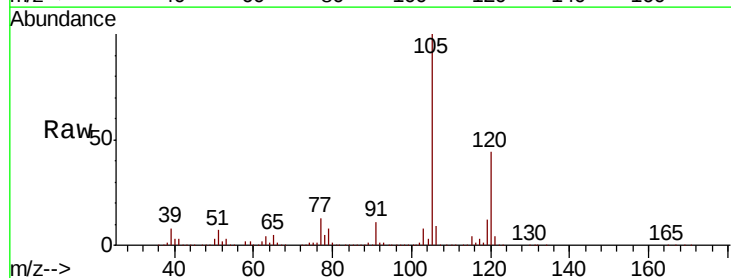
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

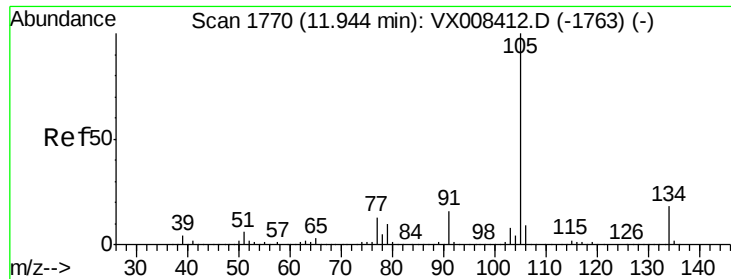
Tot Ion:119 Resp: 628452
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.1 90.3
 134 22.0 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.183 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion:105 Resp: 659774
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 56.525 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

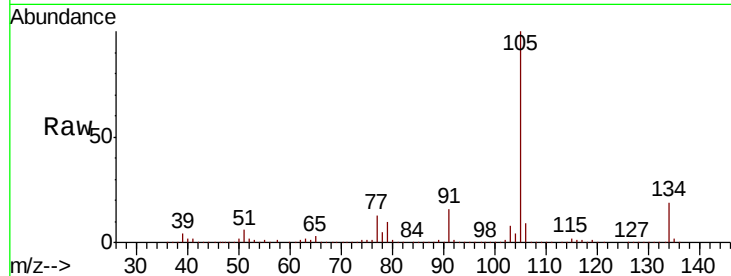
VSTDCCC050

Tot Ion:105 Resp: 767688

Ion Ratio Lower Upper

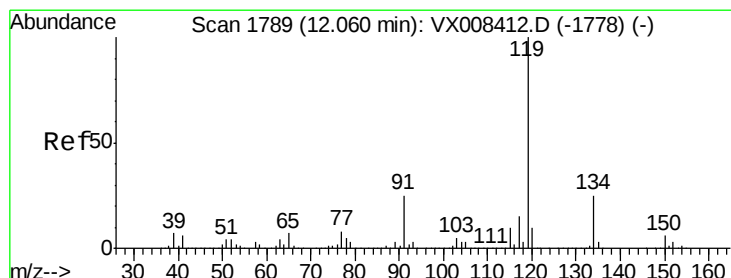
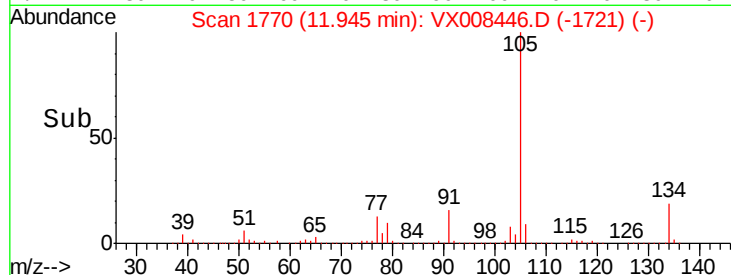
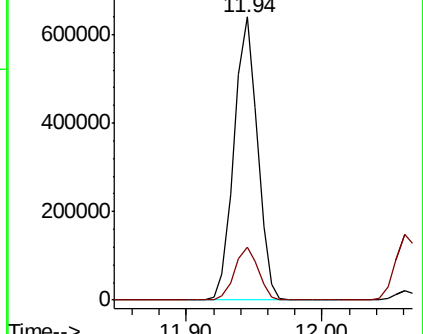
105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.416 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

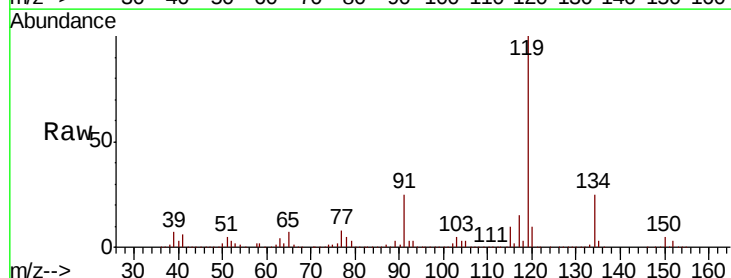
Tgt Ion:119 Resp: 688069

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

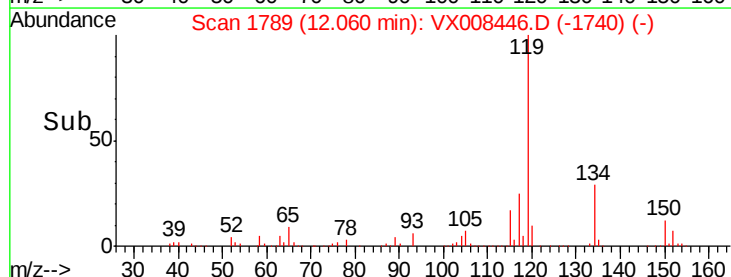
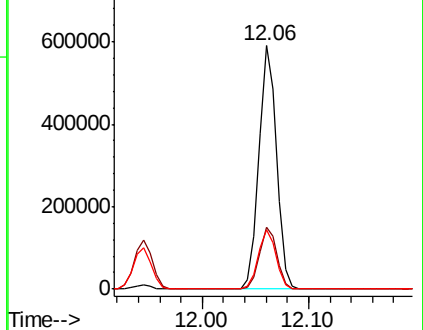
91 24.5 12.4 37.0

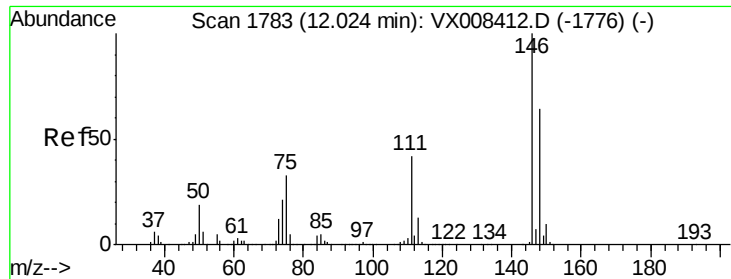


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 54.713 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

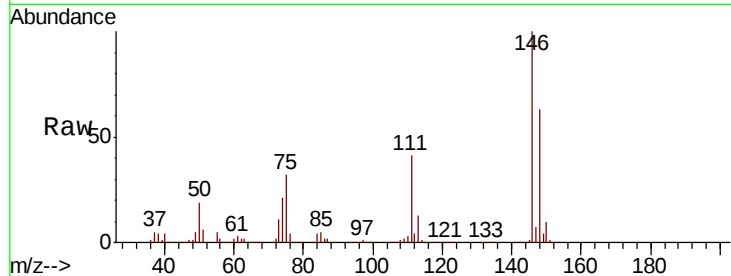
Tot Ion:146 Resp: 331727

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

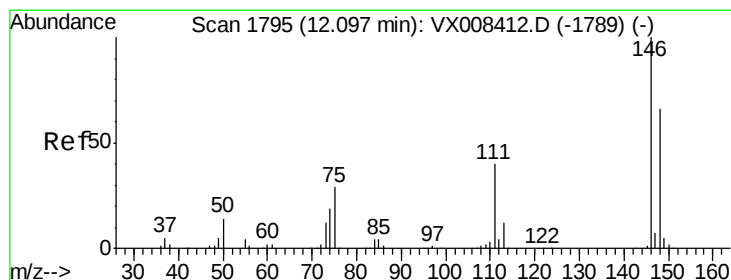
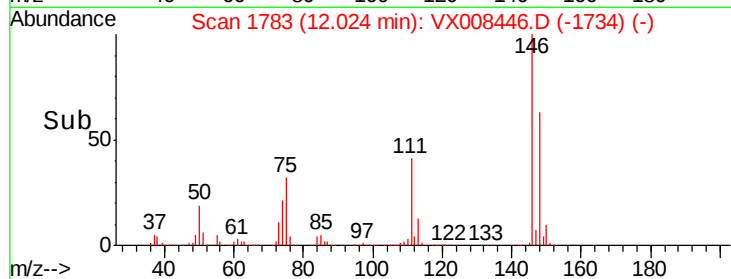
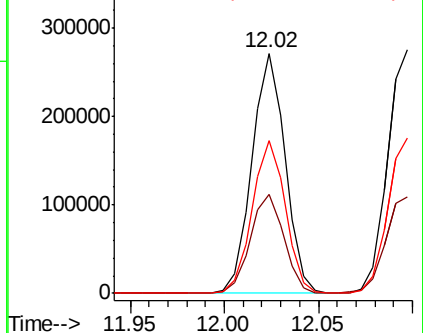
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 54.681 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008446.D

Acq: 26 Mar 2019 09:57

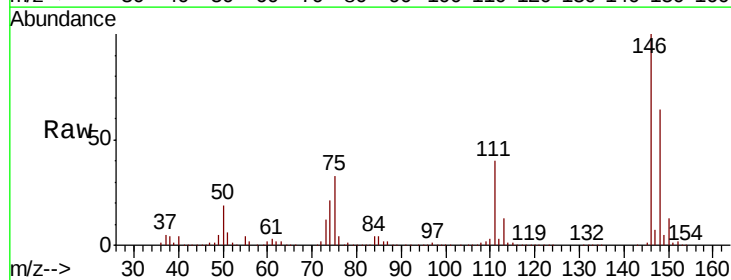
Tgt Ion:146 Resp: 334593

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

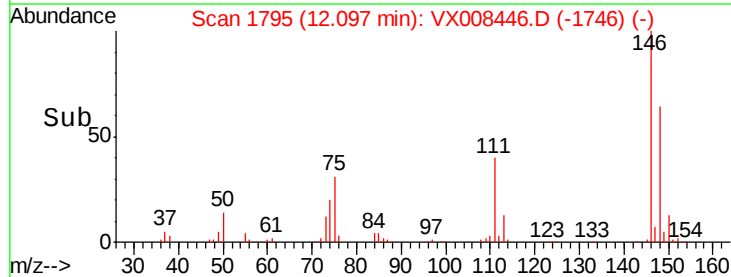
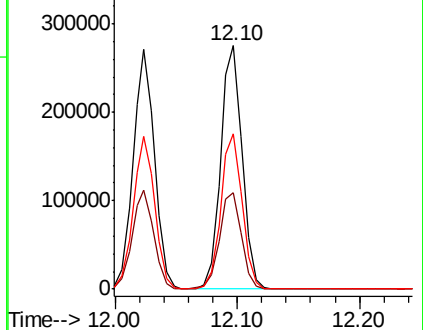
148 63.3 32.1 96.5

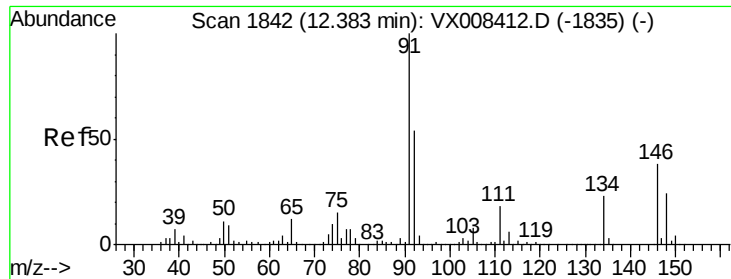


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

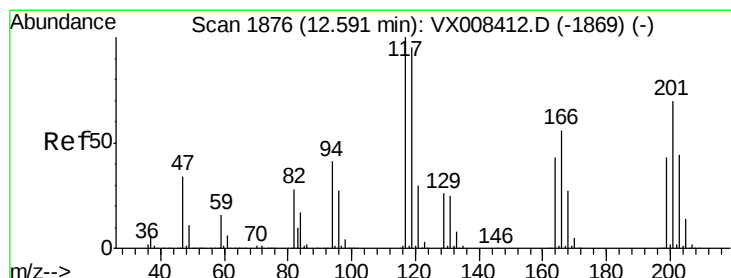
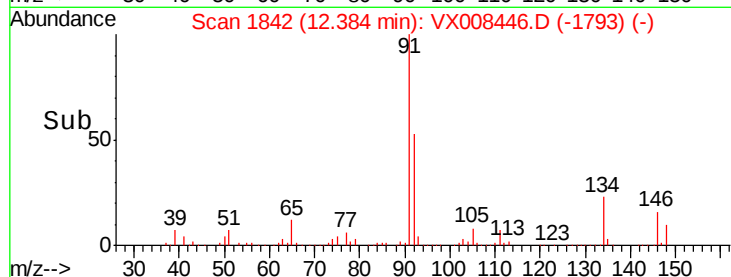
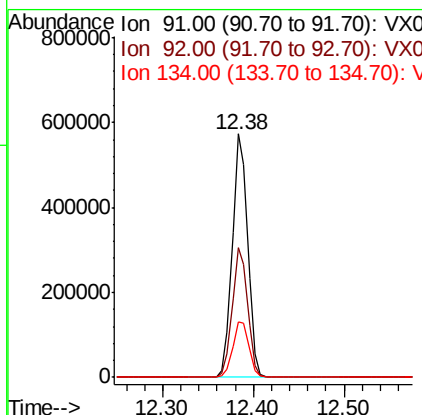
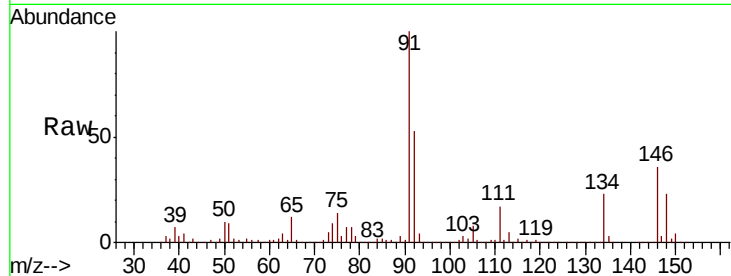




#89
n-Butylbenzene
Concen: 59.153 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

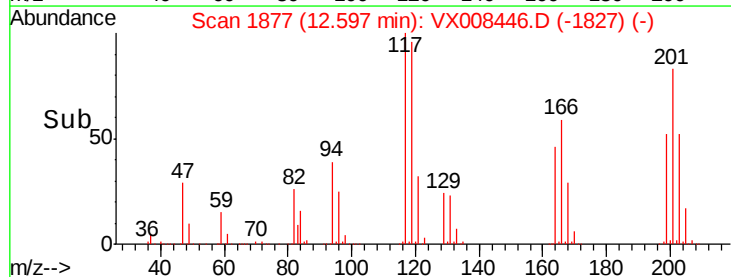
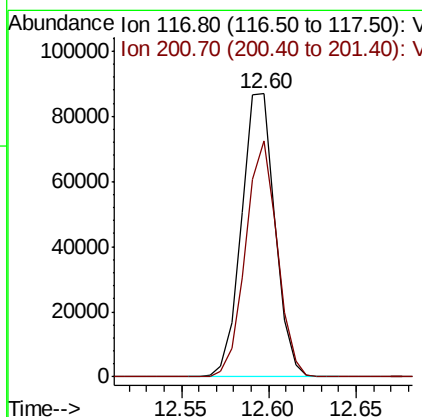
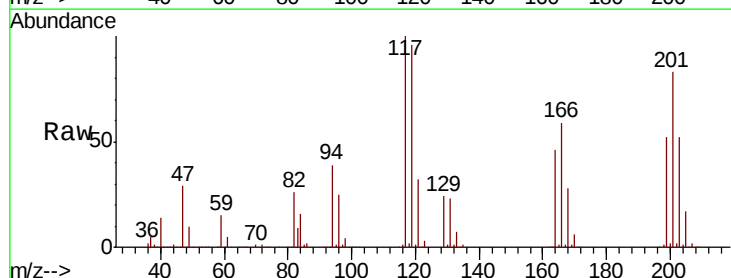
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

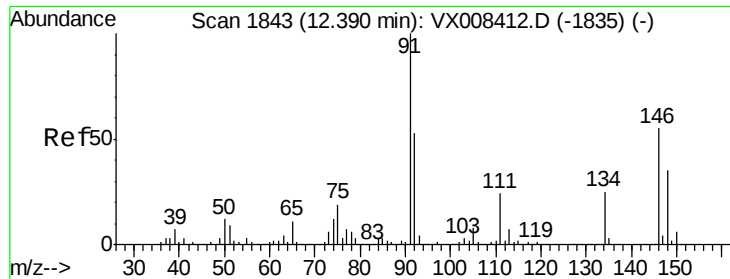
Tot Ion: 91 Resp: 671533
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 24.1 11.8 35.4



#90
Hexachloroethane
Concen: 58.044 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion: 117 Resp: 115884
Ion Ratio Lower Upper
117 100
201 78.5 39.4 118.1

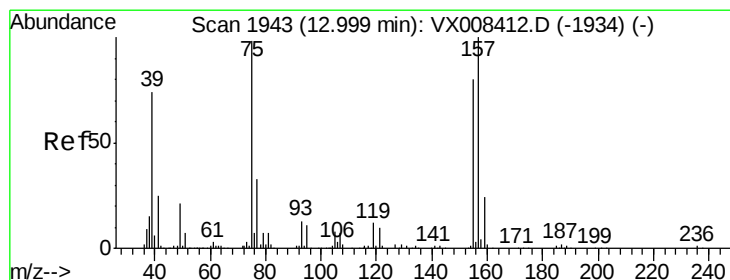
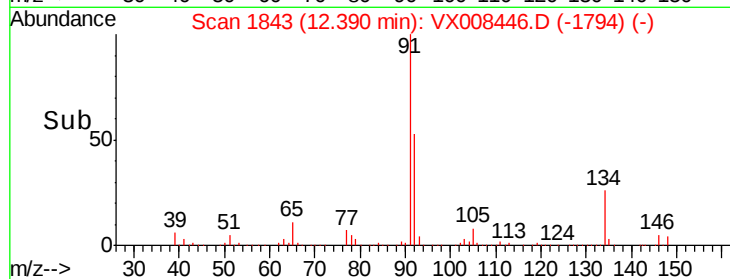
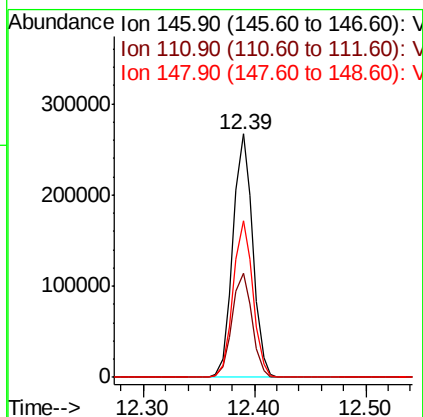
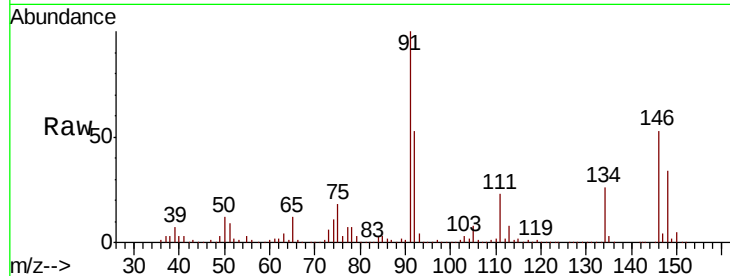




#91
 1,2-Dichlorobenzene
 Concen: 53.995 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

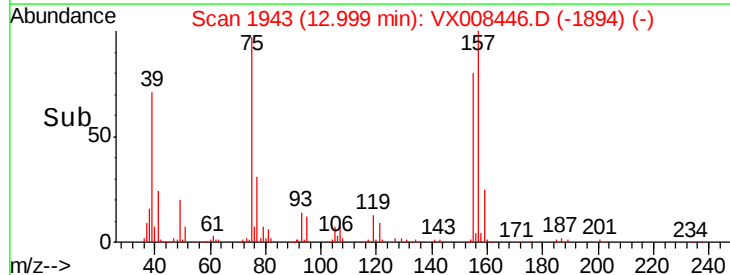
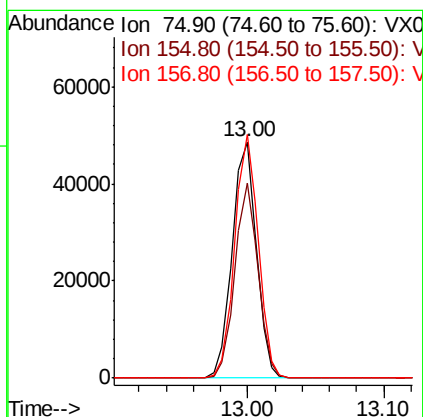
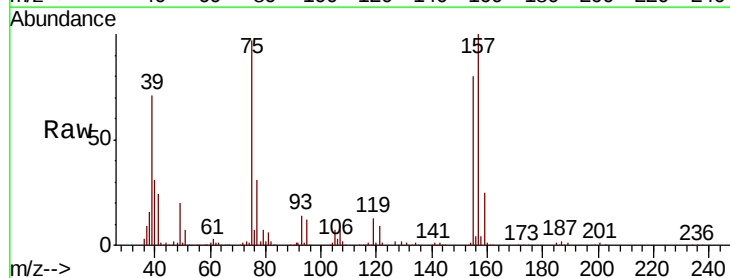
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

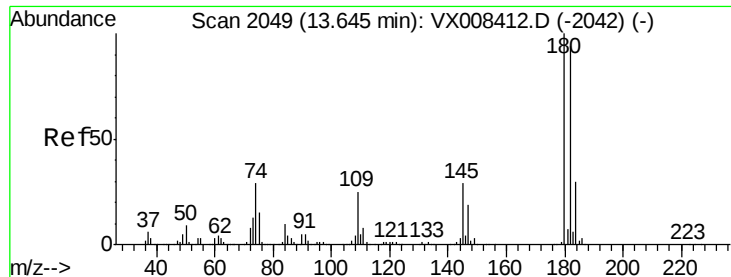
Tot Ion:146 Resp: 327842
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.124 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion: 75 Resp: 60473
 Ion Ratio Lower Upper
 75 100
 155 78.9 39.5 118.5
 157 100.2 49.9 149.7

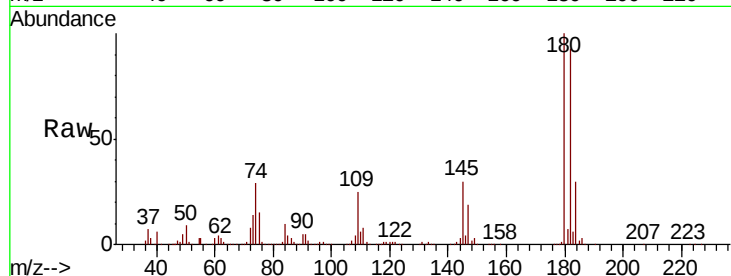




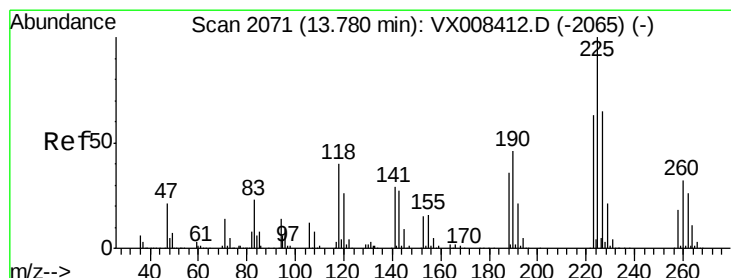
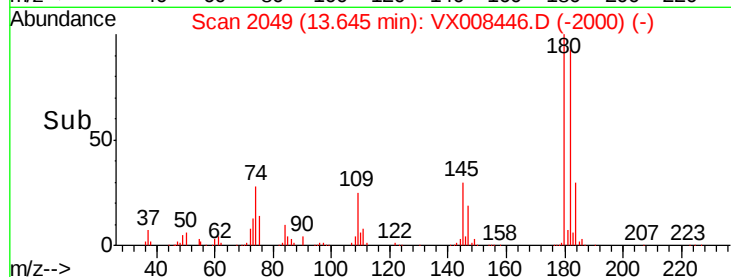
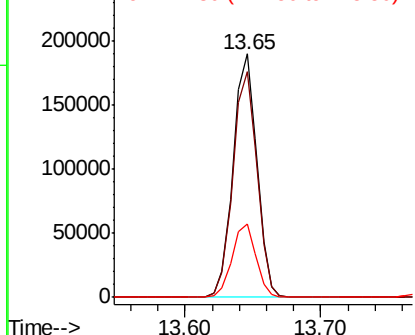
#93
 1,2,4-Trichlorobenzene
 Concen: 56.175 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 229634
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 30.5 15.3 45.8

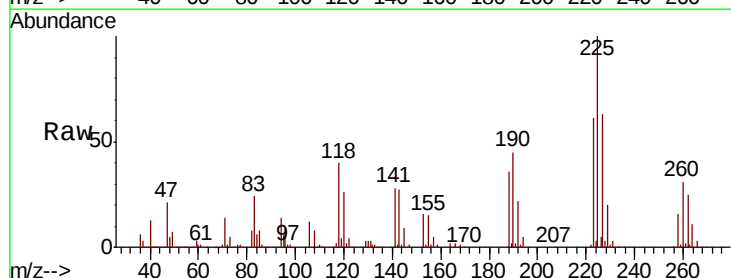


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

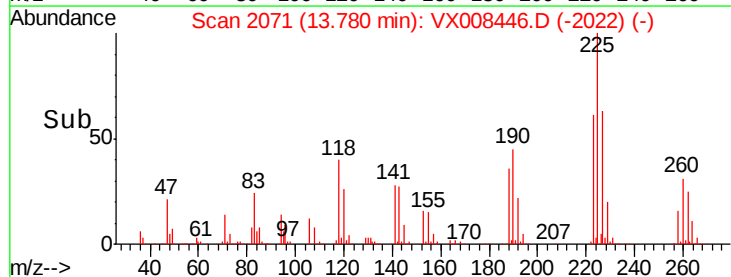
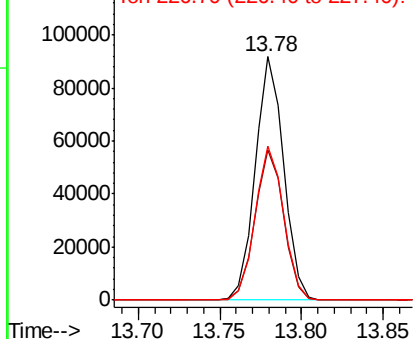


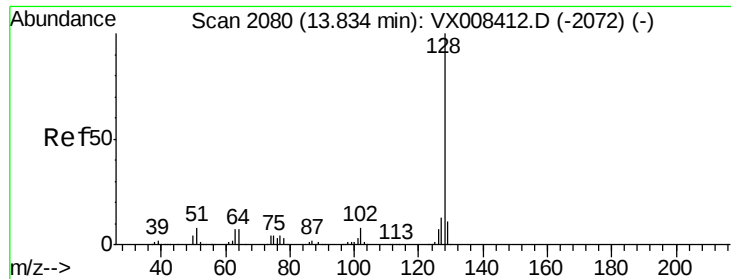
#94
 Hexachlorobutadiene
 Concen: 57.204 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008446.D
 Acq: 26 Mar 2019 09:57

Tgt Ion:225 Resp: 111035
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.0
 227 63.6 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

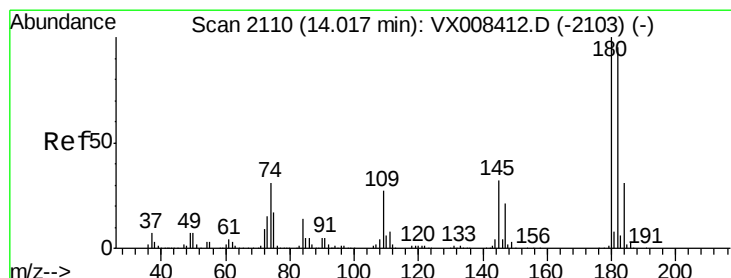
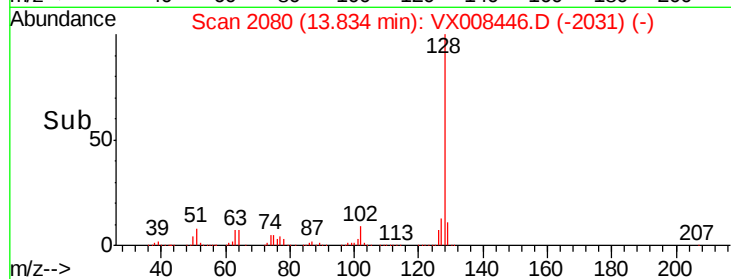
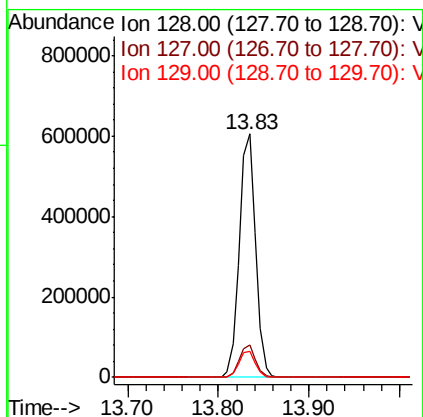
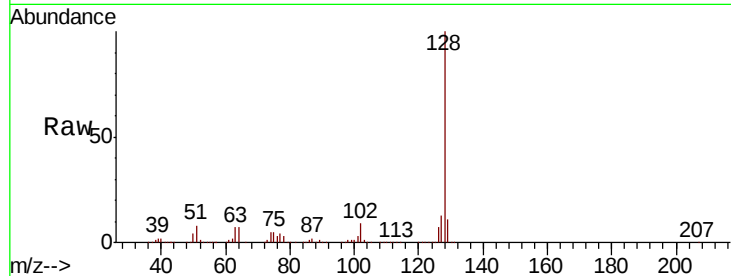




#95
Naphthalene
Concen: 53.439 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 748928
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.637 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008446.D
Acq: 26 Mar 2019 09:57

Tgt Ion:180 Resp: 224432
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 32.7 16.2 48.5

